Industrial scales, sensors, and system solutions

For trade, commerce, and industry

Product programme

Valid from 01.06.2024

Soehnle Industrial Solutions

The scales made by Soehnle Industrial Solutions position the company among the leading suppliers of professional measurement and weighing technology. In addition to our proven standard products for trade, commerce and industry as well as medical, health and veterinary needs, we are now also offering custom solutions tailored to almost any special requirements you may have.

We develop and produce in Germany and distribute our products around the world. As a mid-sized company, we stand for a strong brand, high-quality products and customer-oriented service.

Made in Germany

MADE IN GERMANY

For us, this means:

▶ The scale is manufactured at our headquarters in 71522 Backnang/Germany.

▶ We are committed to, and do our part to strengthen Germany as a manufacturing base.

▶ We manage almost all components for our scales, including spare parts, therefore assuring many years of professional service by our factory, but also by our local service partners.

Accuracy / high-resolution scales

The accuracy of a scale is influenced by a wide range of factors
▶ Warmup time of at least 30 minutes
▶ Tilted positioning (level setup with level adjustment)
▶ Earth gravity (setup location)
▶ Ambient temperature
▶ Airflow
▶ Interference, such as vibration

Approvable scales meet the calibration and operating error limits specified by DIN EN 45501. Not approvable high-resolution scales are calibrated for a gravitational acceleration of 9.810 m/s2. The scales can be optionally calibrated for your setup location.
Please specify the setup location when ordering.

Order No.: 5752.02.001

A daily verification with a calibration weight may be appropriate for qualityrelevant readings. The employed calibration weight must correspond to the nominal load of the scale. A periodic calibration is also recommended for accurate readings. A calibration must be performed after a change of setup location or temperature changes.

An accuracy of +/- 5d can be expected for high resolution scales. An accuracy of +/- 3d can be expected for scales with optional precision calibration. The reproducibility and linearity corresponds to the division.
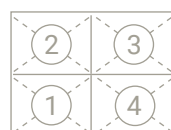
The accuracy for off-center loads should be verified as follows: 1/3 of the nominal load centered on 1/4 of the weighing platform.

Order No.: 5752.02.004

As individual as our customers

Our strength is our modular system. You choose from different platform sizes and weighing ranges, combine a terminal and decide for an individual mounting, depending on the place of use, for a compact, table, stand, wall or floor scale. In addition, Soehnle Industrial Solutions offers individual solutions.

Certificates

DIN ISO 9001 Quality management

CE-066 – Weighing Directive

Services

Durability, ease of use and top quality - by purchasing your Soehnle Industrial Solutions product you have made an excellent decision.

With our services, your scales are also optimally protected.

► With the **warranty extension** for end customers, you have the opportunity to cost-effectively extend the two-year manufacturer's warranty by a further two years.

► Sign a Soehnle Industrial Solutions **maintenance contract** and rely on cost predictability and enjoy continuous professional maintenance.

► Don't miss any more recalibrations, have your scales checked and support yourself during calibration - use our expert **calibration service** for legal-for-trade scales.

DAkkS calibrations

For non-automatic electronic scales according to DIN EN ISO/IEC 17025:2018

During calibration, the relationship of the display values to defined values of „standards" is determined. The resulting measurement uncertainty helps you to meet the requirements of your customers and the quality management system. At the same time, you also have proof of the „accuracy" of your weighing results and a reliable scale for quality-relevant processes.

Our service for you

▶ DAkkS calibrations of laboratory, precision, commercial, industrial and medical scales
▶ Weighing ranges up to 3.000 kg (over 3.000 kg on request)
▶ Testing, calibration and possible adjustment
▶ Permanent Laboratory
▶ On-site calibration
▶ Qualified specialist personnel
▶ Competence confirmed by the German Accreditation Body
▶ IT-supported calibration process
▶ Brand-independent service
▶ Issue of a calibration certificate
▶ Attaching of a calibration mark
▶ We create your individual offer

Prices for initial calibration and recalibration

Maximum load kg	Order No.
≤ 3	5730.00.001
> 3 ≤ 35	5730.00.002
> 35 ≤ 300	5730.00.004
> 300 ≤ 1.500	5730.00.006
> 1.500 ≤ 3.000	5730.00.008

Prices for calibration at the Backnang plant. For on-site calibrations, we will be pleased to prepare an individual offer on request.

Payment and delivery terms and conditions

Delivery terms: Prices are recommended retail prices excluding VAT.
Subject to design and price changes.
Delivery is subject to our General Terms and Conditions.
See *www.soehnle-professional.com/en/terms*

Delivery: Based on agreement.

Billing: Invoices are always issued in euros, unless another billing method has been agreed.

Additional Information

Scale system configuration: If a scale system with several components is ordered (e.g. with reference scales, control light, printer, etc.), the system will be pre-configured by the factory so that the system is operational immediately following setup. For this purpose, your purchase order must indicate the desired settings and the Order No. 5751.01.003.
Price on request.

Data set/printing format install: On request, an existing data set or print image can be uploaded at the factory before delivery of the terminal. This will be charged at. Please state Order No. 5751.01.004 in your order.

Technical Documentations: On request, we will be happy to provide you with technical documentation in DE/GB/FR. Order no. 5755.00.000 - Price per language/product. Other languages on request.

Conformity assessment costs: Conformity assessed scales are supplied at the cost of the conformity assessment „Conformity" shown in the price list. The conformity assessment of a measuring instrument basically replaces the previous initial approval. Approvable scales are supplied unapproved, unless specifically ordered as conformity assessed scales. Conformity assessment of weighing platforms is only possible in conjunction with a suitable measuring amplifier/terminal. Please indicate the place of installation. If weighing instruments are to be conformity assessed at a later date, this will entail considerable costs or may no longer be possible in some cases. In such cases, we therefore recommend that you also order the conformity assessment directly in order to prevent problems later on.

Units: Conformity assigned and approvable scales ex works in kg (division ≤ 0,5 g in g), not approvable scales can be switched to lb. Precision scales in g.

Dimensions
L x B x H mm.

Guarantee: We grant a 24-month warranty on our new products.
For products that are installed or in operation in Germany, we offer the possibility we offer the option of extending the warranty by a further 24 months. *www.soehnle-professional.com/guarantee*

Software: Software cannot be returned or exchanged.
See software license terms and conditions under:
www.soehnle-professional.com/en/software-license-agreement

Delivery time: The products are labeled according to their expected delivery time as follows:
Delivery from stock = LAG;
Delivery approx. 1 Week = 1;
Delivery approx. 2 – 3 Weeks = 2 – 3;
Delivery approx. 4 Weeks = 4
Delivery on request = ANF
A longer delivery time may be required for a conformity assessment or other services.

Signs and symbols

Soehnle Industrial Solutions scales carry the CE-mark according to valid standards.

Scales with this mark are conformity assigned as a non-automatic scale or approvable according to the Accuracy Class III.

Conformity assigned scales comply with the Weighing Instruments Directive 2014/31/EC.

The "International Organization of Legal Metrology (OIML)" certifies that the measuring device design complies with the recommendations of the OIML.

Dust and water spray protection. Protection class according to pictogram.

Weighing platform made from stainless steel.

Scales and terminals are equipped with an interface RS 232 (9-pin) or have this option.

Scales and terminals are equipped with an interface RS 232 (5-pin) or have this option.

Scales and terminals are equipped with a USB interface or have this option.

Scales and terminals are equipped with a EDP interface USB type B (virtual serial) or have this option.

Scales and terminals are equipped with a keyboard wedge or have this option.

Scales and terminals are equipped with a Profinet interface or have this option.

Scales and terminals are equipped with a Profibus interface or have this option.

Scales and terminals are equipped with an Ethernet interface or have this option.

Scales and terminals are equipped with an Ethercat interface or have this option.

Scales and terminals support wireless data transfer via Bluetooth® or have this option.

Scales and terminals support wireless data transfer via WLAN or have this option.

Scales and terminals can be operated with batteries or rechargeable batteries or have this option.

Power supply mode: 100 – 240 V / 50 – 60 Hz.

Scales and terminals with integrated rechargeable battery and plug-in power supply 100 – 240 V / 50 – 60 Hz.

Scales with counting function.

In accordance with Directive 2014/34/EC, the devices may be used in ATEX zones 2 / 22 categories 3G and 3D.

Soehnle Industrial Solutions products are manufactured to the highest standards of the SIS Total Quality Management system. Comprehensive quality controls during all stages of the production process guarantee consistently high-quality products.

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stainless

kg lb

tare

made in Germany

approvable   energy-efficient

versatile

Auto-Off-Funktion

mobile

compact

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high-resolution

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The matching scale for any application

915x
Compact scale

916x
Compact scale

717x, 917x
Compact scale

Dual 7196
Compact scale

9202, 9203
Compact scale

9330
Compact scale

9115
Compact scale

9241
Compact scale

Compact scale 915x

For mobile use

MADE IN GERMANY

Compact scale size 2

30 mm

Battery compartment

Power supply and USB interface

Features

▶ High-resolution single-range scale, not approvable
▶ Fast and stable standstill behaviour (filter type 3)
▶ 5-key operation with freely assignable F key
▶ Large LC display (no backlighting), character height: 25 mm
▶ Rechargeable battery operation and extra low-profile design facilitate flexible use in different locations
▶ Terminal can be pulled out by up to 30 mm. Benefits: Bigger weighing surface without obstructing the terminal, better access to plug-in connections
▶ Integrated USB interface type B (virtual serial interface)
▶ Fast connection of the power supply and USB interface, as it is on the side of the terminal
▶ Functions: Weigh, tare, plus/minus weighing, add, hold, user filter setting, print/EDV with variable print layout, auto tare
▶ Internal user calibration for location-specific adjustments
▶ Weight units switchable between kg and lb
▶ Weighing platform: Stainless steel 1.4301,
  Base frame: Powder-coated steel
  terminal housing: Plastic
▶ Mains operation: 100 – 240 V / 50 – 60 Hz
  UK or US adapter, see accessories
  Battery operation (6x AA batteries) or optional rechargeable battery operation with battery pack and charging circuit (battery life approx. 50 hrs., depending on settings)
▶ Energy-efficient due to integrated Auto-off function of the rechargeable battery with adjustable timer from 1 – 30 minutes or continuous operation

▶ Scale leveling up to 10 mm with 4 adjustable feet and spirit level
▶ Protection class IP 42
▶ Nominal operating temperature: -10 °C to 40 °C
▶ Scale dimensions / scale weight:
  310 x 375 x 75 mm, 6 kg
  400 x 400 x 75 mm, 8 kg
  520 x 500 x 100 mm, 11 kg

Options

All interfaces have factory-preset print images and EDP data records for direct data output and data communication. These can also be individually adapted via the service programme 25641.10.001:
▶ USB data cable 3m with 2 plugs A-plug, B-plug,
  Order No. 2550.03.022
▶ Battery incl. charging circuit mounted, Order No. 2557.40.005
▶ UK power adapter, Order No.: 2557.25.002
▶ US power adapter, Order No.: 2557.25.004

Please find other accessories and IT interface options on page 17 and in chapters 12 -15

CE   IP 42   Stainless steel   PSU   Recha/Batt   VR   TQM   Recha. Batt.   *Optional*

Order No. IP 42	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time Week
Size 1, not approvable					
9150.01.040	Powder-coated	310 x 275 x 75	**3**	0,1	1
9150.02.040	Powder-coated	310 x 275 x 75	**6**	0,2	1
9150.03.040	Powder-coated	310 x 275 x 75	**15**	0,5	1
9150.04.040	Powder-coated	310 x 275 x 75	**32**	1	1
Size 2, not approvable					
9151.02.040	Powder-coated	400 x 300 x 75	**6**	0,2	1
9151.03.040	Powder-coated	400 x 300 x 75	**15**	0,5	1
9151.04.040	Powder-coated	400 x 300 x 75	**32**	1	1
9151.05.040	Powder-coated	400 x 300 x 75	**60**	2	1
Size 3, not approvable					
9152.04.040	Powder-coated	520 x 400 x 100	**32**	1	1
9152.05.040	Powder-coated	520 x 400 x 100	**60**	2	1

Different models and dimensions available on request.

Compact scale 916x

For various weighing tasks

Compact scale size 2

30 mm

Battery compartment

Power supply and USB interface IP 67

Features

▶ High-resolution single-range scale, not approvable
▶ Fast and stable standstill behaviour (filter type 3)
▶ 5-key operation with freely assignable F key
▶ Backlit LC display, character height: 25 mm
▶ Rechargeable battery operation and extra low-profile design facilitate flexible use in different locations
▶ Terminal can be pulled out by up to 30 mm. Benefits: Bigger weighing surface without obstructing the terminal, better access to plug-in connections
▶ Integrated USB interface type B (virtual serial interface)
▶ Fast connection of the power supply and USB interface, as it is on the side of the terminal
▶ Functions: Weigh, tare, plus/minus weighing, add, hold, user filter setting, print/EDV with variable print layout, auto tare
▶ Internal user calibration for location-specific adjustments
▶ Weight units switchable between kg and lb
▶ Weighing platform: Stainless steel 1.4301,
  Base frame: Stainless steel 1.4301 or powder-coated steel,
  Terminal housing: Plastic
▶ Mains operation: 100 – 240 V / 50 – 60 Hz
  UK or US adapter, see accessories
  Battery operation (6x AA batteries) or optional rechargeable battery operation with battery pack and charging circuit (battery life approx. 50 hrs., depending on settings)
▶ Energy-efficient due to integrated Auto-off function of the rechargeable battery with adjustable timer from 1 – 30 minutes or continuous operation
▶ Further slots for optional interfaces, such as
  WLAN / Bluetooth® with antenna
  USB interface for keyboard wedge
▶ Scale leveling up to 10 mm with 4 adjustable feet and spirit level
▶ Protection class IP 42, IP 65 or IP 67 (Base frame stainless steel)
▶ Nominal operating temperature: -10 °C to 40 °C

▶ Scale dimensions / scale weight:
  310 x 375 x 75 mm, 6 kg
  400 x 400 x 75 mm, 8 kg
  520 x 500 x 100 mm, 11 kg (Powder-coated)
  520 x 500 x 125 mm, 14 kg (Stainless steel)

Options

All interfaces have factory-preset print images and EDP data records for direct data output and data communication. These can also be individually adapted via the service programme 25641.10.001:

▶ USB data cable 3m with 2 plugs A-plug, B-plug, (IP42)
  Order No. 2550.03.022
▶ USB data cable, connection 38xx - PC, cable length 2 m, (IP67) Order No. 2550.03.011
▶ Interface module Ethernet incl. RJ45 socket, keyboard wedge (cable 2550.03.022 necessary) + Connection module serial interface mounted (IP42), Order No. 2563.50.0011
▶ Interface module Ethernet with 10m patch cable + connection module serial interface mounted (IP67), Order No. 2563.50.002
▶ Extension module for serial interface mounted (IP42 / IP67), Order No.: 2558.06.001
▶ RS 232 interface 5-pin mounted, Order No.: 2563.21.007 (Module 2563.50.00x / 2558.06.001 necessary)
▶ Bluetooth® interface mounted, Order No.: 2563.12.002 (Module 2563.50.00x / 2558.06.001 necessary)
▶ WLAN module mounted, Order No.: 2563.10.011 (Module 2563.50.00x / 2558.06.001 necessary)
▶ Battery incl. charging circuit mounted for mains-free operation, operating time: approx. 50 hours (depending on settings), Order No.: 2557.40.005
▶ UK power adapter, Order No.: 2557.25.002
▶ US power adapter, Order No.: 2557.25.004

Please find other accessories and IT interface options on page 17 and in chapters 12 - 15

Optional

Order No. IP 42	Order No. IP 65/67	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time Week
Size 1, not approvable						
9160.01.040	9160.01.140	Powder-coated	310 x 275 x 75	**3**	0,1	1
9160.02.040	9160.02.140	Powder-coated	310 x 275 x 75	**6**	0,2	1
9160.03.040	9160.03.140	Powder-coated	310 x 275 x 75	**15**	0,5	1
9160.04.040	9160.04.140	Powder-coated	310 x 275 x 75	**32**	1	1
	9160.11.140	Stainless steel	310 x 275 x 75	**3**	0,1	1
	9160.12.140	Stainless steel	310 x 275 x 75	**6**	0,2	1
	9160.13.140	Stainless steel	310 x 275 x 75	**15**	0,5	1
	9160.14.140	Stainless steel	310 x 275 x 75	**32**	1	1
Size 2, not approvable						
9161.02.040	9161.02.140	Powder-coated	400 x 300 x 75	**6**	0,2	1
9161.03.040	9161.03.140	Powder-coated	400 x 300 x 75	**15**	0,5	1
9161.04.040	9161.04.140	Powder-coated	400 x 300 x 75	**32**	1	1
9161.05.040	9161.05.140	Powder-coated	400 x 300 x 75	**60**	2	1
	9161.12.140	Stainless steel	400 x 300 x 75	**6**	0,2	1
	9161.13.140	Stainless steel	400 x 300 x 75	**15**	0,5	1
	9161.14.140	Stainless steel	400 x 300 x 75	**32**	1	1
Size 3, not approvable						
9162.04.040	9162.04.140	Powder-coated	520 x 400 x 100	**32**	1	1
9162.05.040	9162.05.140	Powder-coated	520 x 400 x 100	**60**	2	1
	9162.14.140	Stainless steel	520 x 400 x 125	**32**	1	1
	9162.15.140	Stainless steel	520 x 400 x 125	**60**	2	1

Different models and dimensions available on request.

Compact scale 717x, 917x

For professional use

MADE IN GERMANY

30 mm

Battery compartment

Compact scale size 2

Power supply and USB interface IP 67

Features

▶ Approvable two or three-range scale (accuracy class III) and high-resolution single-range scale, not approvable

▶ Fast and stable standstill behaviour (filter type 3)

▶ 10-key operation with freely assignable F key

▶ Backlit LC display, character height: 25 mm

▶ Rechargeable battery operation and extra low-profile design facilitate flexible use in different locations

▶ Integrated USB interface type B (virtual serial interface)

▶ Fast connection of the power supply and USB interface, as it is on the side of the terminal

▶ Functions: Weighing, taring, plus/minus weighing, counting (with reference weight optimisation and add mode), count check, checkweighing, totalising/commissioning, percentage weighing, add-weighing, neutral measuring, hold, auto-tare, user filter setting, print/EDP with variable print layout, GLP report

▶ Recommended minimum reference weight for counting parts: 3 divisions

▶ Pass/fail control function with beeper and visual indicator
Optional: external control light (Order No.: 2551.04.001 or 2551.50.002)

▶ Optional: Price computing software for price labelling

▶ Realtime clock with date

▶ For not approvable version: Internal user calibration for location adjustment and changeover of weight unit from kg to lb

▶ Weighing platform: Stainless steel 1.4301,
Base frame: Stainless steel 1.4301 or powder-coated steel,
Terminal housing: Plastic

▶ Mains operation: 100 – 240 V / 50 – 60 Hz
UK or US adapter, see accessories
Battery operation (6x AA batteries) or optional rechargeable battery operation with battery pack and charging circuit (battery life approx. 50 hrs. , depending on settings)

▶ Additional slots for optional interfaces, such as Ethernet, WLAN / Bluetooth® with antenna, USB - Interface for RS232 - printer | EDP | large/secondary display

▶ Scale leveling up to 10 mm with 4 adjustable feet and spirit level

▶ Protection class IP 42, IP 65 or IP 67 (stainless steel base frame)
High protection class IP 65 / IP 67 for protection against dust and splash water

▶ Nominal operating temperature: -10 °C to 40 °C

▶ Scale dimensions / scale weight:
310 x 375 x 75 mm, 6 kg
400 x 400 x 75 mm, 8 kg
520 x 500 x 100 mm, 11 kg (Powder-coated)
520 x 500 x 125 mm, 14 kg (Stainless steel)

Options

All interfaces have factory-preset print images and EDP data records for direct data output and data communication. These can also be individually adapted via the service programme 25641.10.001:

▶ USB data cable 3 m with 2 plugs A-plug, B-plug, (IP 42)
Order No. 2550.03.022

▶ USB data cable, connection 38xx - PC, cable length 2 m, (IP 67)
Order No. 2550.03.011

▶ Interface module Ethernet incl. RJ45 socket, keyboard wedge (cable 2550.03.022 necessary) + Connection module serial interface mounted (IP 42), Order No. 2563.50.0011

▶ Interface module Ethernet with 10m patch cable + connection module serial interface mounted (IP 67), Order No. 2563.50.002

▶ Extension module for serial interface mounted (IP 42 / IP 67),
Order No.: 2558.06.001

▶ RS 232 interface 5-pin mounted, Order No.: 2563.21.007
(Module 2563.50.00x / 2558.06.001 necessary)

▶ Bluetooth® interface mounted, Order No.: 2563.12.002
(Module 2563.50.00x / 2558.06.001 necessary)

▶ WLAN module mounted, Order No.: 2563.10.011
(Module 2563.50.00x / 2558.06.001 necessary)

▶ Alibi memory installed, Order No.: 2792.40.002

▶ Battery incl. charging circuit mounted for mains-free operation, operating time: approx. 50 hours (depending on settings), Order No.: 2557.40.005

Please find other accessories and IT interface options on page 17 and in chapters 13, 14, 15 and 16.

Optional

Order No. IP 42	Order No. IP 65/67	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time Week
Size 1, approvable						
7170.01.010	7170.01.110	Powder-coated	310 x 275 x 70	1,5 | **3**	0,5 | 1	1
7170.02.010	7170.02.110	Powder-coated	310 x 275 x 70	3 | **6**	1 | 2	1
7170.03.010	7170.03.110	Powder-coated	310 x 275 x 70	6 | **15**	2 | 5	1
7170.03.020	7170.03.120	Powder-coated	310 x 275 x 70	3 | 6 | **15**	1 | 2 | 5	1
7170.04.010	7170.04.110	Powder-coated	310 x 275 x 70	20 | **35**	5 | 10	1
7170.04.020	7170.04.120	Powder-coated	310 x 275 x 70	6 | 15 | **30**	2 | 5 | 10	1
7170.11.010	7170.11.110	Stainless steel	310 x 275 x 70	1,5 | **3**	0,5 | 1	1
7170.12.010	7170.12.110	Stainless steel	310 x 275 x 70	3 | **6**	1 | 2	1
7170.13.010	7170.13.110	Stainless steel	310 x 275 x 70	6 | **15**	2 | 5	1
7170.13.020	7170.13.120	Stainless steel	310 x 275 x 70	3 | 6 | **15**	1 | 2 | 5	1
7170.14.010	7170.14.110	Stainless steel	310 x 275 x 70	15 | **30**	5 | 10	1
7170.14.020	7170.14.120	Stainless steel	310 x 275 x 70	6 | 15 | **30**	2 | 5 | 10	1
Size 1, not approvable						
9170.01.040	9170.01.140	Powder-coated	310 x 275 x 70	**3**	0,1	1
9170.02.040	9170.02.140	Powder-coated	310 x 275 x 70	**6**	0,2	1
9170.03.040	9170.03.140	Powder-coated	310 x 275 x 70	**15**	0,5	1
9170.04.040	9170.04.140	Powder-coated	310 x 275 x 70	**32**	1	1
Size 2, approvable						
7171.02.010	7171.02.110	Powder-coated	400 x 300 x 75	3 | **6**	1 | 2	1
7171.03.010	7171.03.110	Powder-coated	400 x 300 x 75	6 | **15**	2 | 5	1
7171.04.010	7171.04.110	Powder-coated	400 x 300 x 75	20 | **35**	5 | 10	1
7171.04.020	7171.04.120	Powder-coated	400 x 300 x 75	6 | 15 | **30**	2 | 5 | 10	1
7171.05.010	7171.05.110	Powder-coated	400 x 300 x 75	30 | **60**	10 | 20	1
7171.12.010	7171.12.110	Powder-coated	400 x 300 x 75	3 | **6**	1 | 2	1
7171.13.010	7171.13.110	Stainless steel	400 x 300 x 75	6 | **15**	2 | 5	1
7171.14.010	7171.14.110	Stainless steel	400 x 300 x 75	15 | **30**	5 | 10	1
7171.14.020	7171.14.120	Stainless steel	400 x 300 x 75	6 | 15 | **30**	2 | 5 | 10	1
Size 2, not approvable						
9171.02.040	9171.02.140	Powder-coated	400 x 300 x 75	**6**	0,2	1
9171.03.040	9171.03.140	Powder-coated	400 x 300 x 75	**15**	0,5	1
9171.04.040	9171.04.140	Powder-coated	400 x 300 x 75	**32**	1	1
9171.05.040	9171.05.140	Powder-coated	400 x 300 x 75	**60**	2	1
Size 3, approvable						
7172.04.010	7172.04.110	Powder-coated	520 x 400 x 75	15 | **30**	5 | 10	1
7172.05.010	7172.05.110	Powder-coated	520 x 400 x 75	30 | **60**	10 | 20	1
	7172.14.110	Stainless steel	520 x 400 x 100	15 | **30**	5 | 10	1
	7172.15.110	Stainless steel	520 x 400 x 100	30 | **60**	10 | 20	1
	7172.15.120	Stainless steel	520 x 400 x 100	15 | 30 | **60**	5 | 10 | 20	1
Size 3, not approvable						
9172.04.040	9172.04.140	Powder-coated	520 x 400 x 75	**32**	1	1
9172.05.040	9172.05.140	Powder-coated	520 x 400 x 75	**60**	2	1

Different models and dimensions available on request.

Compact scale Dual

For mail and package shipping

Features

▶ Approvable dual-range scale with extra-high overall resolution
▶ Approvable iaw. accuracy class III
▶ 10-key operation with freely assignable F key
▶ Ideal for use in logistics, transportation, and shipping applications, optionally for determining shipping fees for mail and packages (minimum load: 5 g)
▶ Fast and stable standstill behaviour (filter type 3)
▶ Data transfer via integrated USB interface type B (virtual serial interface)
▶ Functions: Weighing, taring
▶ Backlit LC display, character height: 25 mm
▶ Power supply mode: 100 – 240 V / 50 – 60 Hz
▶ Weighing platform: Stainless steel 1.4301,
  Base frame: Powder-coated steel
  Terminal housing: Plastic
▶ Scale dimensions / scale weight:
  370 x 359 x 123 mm, 10 kg
▶ Protection class IP 42
▶ Scale leveling up to 10 mm with 4 adjustable feet and spirit level
▶ Nominal operating temperature: -10 °C to 40 °C

Options

▶ USB data cable for integrated USB type B, Order No.: 2550.03.022
▶ Alibi memory installed, Order No.: 2792.40.002
▶ Interface module second display + connection module serial interface, Order No.: 2563. 50.003
▶ Additional slot on interface module 2563.50.003 for optional interface:
  WLAN installed, Order No.: 2563.10.011
  Bluetooth® with antenna installed, Order No.: 2563.12.002
  RS232, 5-pin installed, Order No.: 2563.21.007
  RS422/RS485 installed, Order No.: 2563.49.003

Further accessories as well as options for IT connection and printer solutions can be found on page 17 and in chapters 12 - 15

Order No.	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time Week
Approvable					
7196.01.010	Powder-coated	350 x 248	3 | **32**	1 | 10	1

Different models and dimensions available on request.

Optional

Accessories for compact scales

For catalog pages 10 - 16

Accessories	Order No.	915x P No.	916x P No.	717x, 917x P No.	7196 P No.
Alibi memory installed*	2792.			40.002	40.002
USB 2.0 cable 3m with 2 plugs A-plug, B-plug, for IP 42 version (for integrated virtual serial USB interface and keyboard wedge)	2550.	03.022	03.022	03.022	03.022
Interface module Ethernet incl. RJ45 socket, keyboard wedge (cable 2550.03.022 required) + traffic light connection and slot for serial interface* (only for IP 42 variants)	2563.		50.001	50.001	
Interface module Ethernet with 10 m patch cable + control light connection and slot for serial interface* (only for IP 65 / 67 variants)	2563.		50.002	50.002	
Interface module second display + connection module serial interface*	2563.				50.003
Extension module for serial interface (2 slots) and control light connection* (optional interface modules required)	2558.		06.001	06.001	
RS422/485 interface installed* (module 2563.50.00x / 2558.06.001 required)	2563.		49.003	49.003	49.003
RS 232 interface installed, 5-pin* (module 2563.50.00x / 2558.06.001 / 2563.50.003 required)	2563.		21.007	21.007	21.007
IT cable 2 m, 5 pin – 9 pin	2550.		03.002	03.002	03.002
IT cable 2 – 10 m, 5 pin – 9 pin	2550.		00.008	00.008	00.008
USB data cable, connection 38xx (IP 67) - PC, cable length 2 m	2550.		03.011	03.011	
WLAN module configured incl. internal antenna* (Module 2563.50.00x / 2558.06.001 / 2563.50.003 required)	2563.		10.011	10.011	10.011
Bluetooth® interface incl. internal antenna* (Module 2563.50.00x / 2558.06.001 / 2563.50.003 required)	2563.		12.002	12.002	12.002
Dataset format, customer-specific	5751.		01.002	01.002	01.002
Label printer, print width up to 108 mm (thermo-direct)	2795.		20.001	20.001	20.001
Printer cable, 5-pin - 9-pin, 2 m (for printer 2795.20.001)	2550.		03.010	03.010	03.010
Label printer with cut-off device, print width up to 104 mm (thermo-direct)	2795.		12.002	12.002	12.002
Tape printer, paper width up to 76 mm (9 pin)	2795.		14.005	14.005	14.005
Printer cable, 5-pin - 25-pin, 2 m (for printer 2795.12.002 / 2795.14.005)	2550.		03.007	03.007	03.007
Printer cable, 5-pin - 25-pin, 2-10 m (for printer 2795.12.002 / 2795.14.005)	2550.		00.009	00.009	00.009
Print format design, customer-specific	5751.		01.001	01.001	01.001
Dataset/print format installation of existing or provided data	5751.		01.004	01.004	01.004
Large display LED 95 mm, 5 pin plug with 10 m cable	2562.		01.004	01.004	01.004
Second display LED 38 mm, 5 pin plug with 15 m cable	2562.		12.001	12.001	12.001
Control light, 4 lights* (Module 2563.50.00x / 2558.06.001 necessary)	2551.		04.001	04.001	
Control light, 3-colour LED* (extension module 2558.06.001, interface module 2563.50.001 (IP42) or 2563.50.002 (IP67) required)	2551.		50.006	50.006	
PC service programme (data set and print image design)	2564.		10.003	10.003	10.003
SSC Pro MC, comprehensive software programme for transferring scale data to a PC programme (with activation code)	2564.	20.017	20.017	20.017	20.017
Price computing software for price labelling	2564.			50.001	
Software for linking scale to SAP R/3, single-user solution for SAP GUI via RS 232, USB or Ethernet	2564.	20.006	20.006	20.006	20.006
Software for linking scale to SAP R/3, Server solution via Ethernet	2564.		20.010	20.010	20.010
Battery incl. charging circuit installed for mains-free operation*	2557.	40.005	40.005	40.005	
Protective cap USB B for terminals IP 42, set of 10	2507.	02.005	02.005	02.005	02.005
Protective cap USB B for terminals IP 42, set of 25	2507.	02.006	02.006	02.006	02.006
UK power adapter	2557.	25.002	25.002	25.002	25.002
US power adapter	2557.	25.004	25.004	25.004	25.004
Name plate, with entries	2512.			06.004	06.005

Left category labels: Interfaces/Data cables, Printers, Contr. light, Software, Miscell.

Please include the Order No. + P No. when placing your purchase order.
* Any required options must be included in the purchase order. Retrofits are not possible.

Compact scales 9202, 9203

For fast portioning, checking, and adding

Features

▶ Simple operation with three keys for switching on / off, taring, adding, unit switching
▶ Weighing platform and housing made from 1.4301 stainless steel
▶ Protection class IP 54
▶ Large LC display (without backlighting), digit height 20 mm
▶ Battery operation with 9 V block
  (battery not included in supplied scope, power supply optional)
▶ Auto-off function for battery mode (after 2 minutes)
▶ User calibration
▶ Nominal operating temperature: 0 °C to 40 °C
▶ Dimensions: 170 x 150 x 40 mm
▶ Scale weight: 690 g
▶ Unit changeover switch g / lb (9202), kg / lb (9203)

Order No.	Platform size	Maximum load	Division	Delivery time
	mm	g	g	from
9202.10.001	120 x 150	**500**	0,1	LAG
9203.10.001	120 x 150	**5.000**	1	LAG

Accessories

Order No.	Execution
5901.00.001	Power supply 9 V, 300 mA, jack plug

CE Stainless steel Recha/Batt TQM PSU

Optional

Compact scale 9330

For easy readability while portioning, checking, and adding

Features

▶ Single-key operation for easy handling
▶ Multi range scale
▶ Ideal readability with large backlit LC display and 50 mm character height
▶ Weighing platform made from 1.4301 stainless steel
▶ Low-maintenance ABS plastic housing
▶ Protection class IP 54
▶ Taring over the entire weighing range
▶ Integrated lead-gel rechargeable battery 6 V for approx. 100 hours, incl. power supply
▶ Dimensions: 370 x 360 x 130 mm
▶ Scale weight: 5.2 kg
▶ Nominal operating temperature: 0 °C to 40 °C

Order No.	Platform size mm	Maximum load kg	Division g	Delivery time from
Approvable				
9330.00.002	360 x 240	3 | **6**	1 | 2	LAG
9330.00.003	360 x 240	6 | **15**	2 | 5	LAG
Not approvable				
9330.01.004	360 x 240	**45**	1	LAG

Compact scale 9115

For wet applications

MADE IN GERMANY

Features

▶ Simple single-key operation for switching on / off, taring, adding, order picking
▶ Rugged dust and water spray protected design, protection class IP 65 iaw. EN 60 529
▶ Weighing platform made from 1.4301 stainless steel
▶ Housing made from food-grade plastics
▶ Large LC display (without backlighting), digit height 20 mm
▶ Plug-in power supply 230 V
▶ Battery compartment for 4 Mignon batteries for approx. 500 hours of operation (depending on battery / rechargeable battery quality)
▶ Dimensions: 305 x 295 x 60 mm
▶ Scale weight: 3.9 kg
▶ Unit changeover switch kg / lb

Order No.	Platform size	Maximum load	Division	Delivery time
	mm	kg	g	from
9115.06.001	210 x 295	**6**	1	LAG
9115.12.001	210 x 295	**12**	2	LAG
9115.30.001	210 x 295	**30**	5	LAG

CE IP 65 Stainless steel Recha/Batt PSU TQM

Compact scale 9241

For check weighing and simple counting tasks
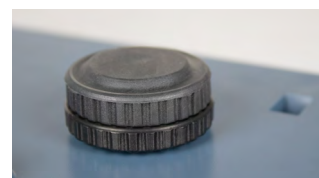
Features

- ► Functions: Taring, zero reset, counting (for counting parts from 2d and up), totaling, checking
- ► Weighing platform made from 1.4301 stainless steel
- ► Impact-resistant ABS plastic housing
- ► Protection class IP 54
- ► Large LC display (without backlighting), digit height 24 mm
- ► Backlighting with battery saver mode
- ► User calibration
- ► Plug-in power supply 230 V with charging function
- ► Integrated rechargeable battery for approx. 70 hour of operation
- ► Dimensions: 320 x 320 x 120 mm
- ► Includes protective hood
- ► Scale weight: 3.8 kg
- ► Unit changeover switch kg / lb

Order No.	Platform size	Maximum load	Division	Delivery time
	mm	kg	g	from
9241.02.001	300 x 225	**3**	0,1	LAG
9241.03.001	300 x 225	**15**	0,5	LAG
9241.04.001	300 x 225	**30**	1	LAG

kg

made in Germany

lb

energy-efficient

professional

Auto-off function

rechargeable battery

separate display

approvable

flexible

stainless

2. Bench scales

Terminal with flexible placement options

955x
Bench scale

956x
Bench scale

757x, 957x
Bench scale

73xx, 93xx
Bench scale Standard and stainless steel with base terminal 3010

74xx, 94xx
Bench scale Standard and stainless steel with terminal 3025

9065/66/67
Bench scales and stand scales

Bench scale 955x

For simple weighing tasks

MADE IN GERMANY

Battery compartment

Bench scale size 1

Power supply and USB interface

Feautres

- ▶ Bench scale with separate display and 2.5 m cable
- ▶ High-resolution single-range scale, not approvable
- ▶ Fast and stable standstill behaviour (filter type 3)
- ▶ 5-key operation with freely assignable F key
- ▶ Large LC display, character height: 25 mm
- ▶ Terminal can be pulled out by up to 30 mm. Benefits: Bigger weighing surface without obstructing the terminal, better access to plug-in connections
- ▶ Integrated USB interface type B (virtual serial interface)
- ▶ Functions: Weigh, tare, plus/minus weighing, add, hold, user filter setting, print/EDV with variable print layout, auto tare
- ▶ Internal user calibration for location-specific adjustments
- ▶ Weight units switchable between kg and lb
- ▶ Weighing platform: Stainless steel 1.4301,
  Base frame: Powder-coated steel
  terminal housing: Plastic
- ▶ Mains operation: 100 – 240 V / 50 – 60 Hz
  UK or US adapter, see accessories
  Battery operation (6x AA batteries) or optional rechargeable battery operation with battery pack and charging circuit (battery life approx. 50 hrs., depending on settings)
- ▶ Energy-efficient due to integrated Auto-off function of the rechargeable battery with adjustable timer from 1 – 30 minutes or continuous operation

- ▶ Scale leveling up to 10 mm with 4 adjustable feet and spirit level
- ▶ Protection Class IP 42
- ▶ Nominal operating temperature: -10 °C to 40 °C
- ▶ Optional: wall/stand bracket
- ▶ Scale dimensions / scale weight:
  310 x 275 x 75 mm, 6 kg
  400 x 300 x 75 mm, 8 kg
  520 x 400 x 100 mm, 10 kg
  660 x 550 x 135 mm, 21 kg
  800 x 600 x 135 mm, 29 kg
  Terminal: 303 x 95 x 57 mm, 0,6 kg (without rechargeable battery/batteries)

Options

All interfaces have factory-preset print images and EDP data records for direct data output and data communication. These can also be individually adapted via the service programme 25641.10.001:

- ▶ Wall/stand bracket 38xx, stainless steel, Order No.: 2503.30.005
- ▶ USB data cable 3m with 2 plugs A plug, B plug, Order No.: 2550.03.022
- ▶ Battery incl. charging circuit installed, Order No.: 2557.40.005
- ▶ UK power adapter, Order No.: 2557.25.002
- ▶ US power adapter, Order No.: 2557.25.004

Please find other accessories and IT interface options on page 31 and in chapters 12 - 15

Optional

Order No. IP 42	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time Week
Size 1, not approvable					
9550.01.040	Powder-coated	310 x 275 x 75	**3**	0,1	1
9550.02.040	Powder-coated	310 x 275 x 75	**6**	0,2	1
9550.03.040	Powder-coated	310 x 275 x 75	**15**	0,5	1
9550.04.040	Powder-coated	310 x 275 x 75	**32**	1	1
Size 2, not approvable					
9551.02.040	Powder-coated	400 x 300 x 75	**6**	0,2	1
9551.03.040	Powder-coated	400 x 300 x 75	**15**	0,5	1
9551.04.040	Powder-coated	400 x 300 x 75	**32**	1	1
9551.05.040	Powder-coated	400 x 300 x 75	**60**	2	1
Size 3, not approvable					
9552.04.040	Powder-coated	520 x 400 x 100	**32**	1	1
9552.05.040	Powder-coated	520 x 400 x 100	**60**	2	1
9552.06.040	Powder-coated	520 x 400 x 100	**150**	5	1
Size 4, not approvable					
9553.05.040	Powder-coated	660 x 550 x 135	**60**	2	1
9553.06.040	Powder-coated	660 x 550 x 135	**150**	5	1
9553.07.040	Powder-coated	660 x 550 x 135	**300**	10	1
Size 5, not approvable					
9554.06.040	Powder-coated	800 x 600 x 135	**150**	5	1
9554.07.040	Powder-coated	800 x 600 x 135	**300**	10	1

Bench scale 956x

For various weighing tasks

MADE IN
GERMANY

Bench scale size 1

Battery compartment

Power supply and USB interface IP 67

Features

- ▶ Bench scale with separate display and 2.5 m cable
- ▶ High-resolution single-range scale, not approvable
- ▶ Fast and stable standstill behaviour (filter type 3)
- ▶ 5-key operation with freely assignable F key
- ▶ Backlit LC display, character height: 25 mm
- ▶ Rechargeable battery operation and extra low-profile design facilitate flexible use in different locations
- ▶ Integrated USB interface type B (virtual serial interface)
- ▶ Functions: Weigh, tare, plus/minus weighing, add, hold, user filter setting, print/EDV with variable print layout, auto tare
- ▶ Internal user calibration for location-specific adjustments
- ▶ Weight units switchable between kg and lb
- ▶ Weighing platform: Stainless steel 1.4301, Base frame: Stainless steel 1.4301 or powder-coated steel, Terminal housing: Plastic
- ▶ Mains operation: 100 – 240 V / 50 – 60 Hz
  UK or US adapter, see accessories
  Battery operation (6x AA batteries) or optional rechargeable battery operation with battery pack and charging circuit (battery life approx. 50 hrs., depending on settings)
- ▶ Energy-efficient due to integrated Auto-off function of the rechargeable battery with adjustable timer from 1 – 30 minutes or continuous operation
- ▶ Further slots for optional interfaces, such as WLAN / Bluetooth® with antenna USB interface for keyboard wedge
- ▶ Scale leveling up to 10 mm with 4 adjustable feet and spirit level
- ▶ Protection Class IP 42, IP 65 or IP 67 (Base frame stainless steel)
- ▶ Nominal operating temperature: -10 °C to 40 °C
- ▶ Optional: wall/stand bracket

- ▶ Scale dimensions / scale weight:
  310 x 275 x 75 mm, 6 kg
  400 x 300 x 75 mm, 8 kg
  520 x 400 x 100 mm, 10 kg (Powder-coated)
  520 x 400 x 125 mm, 13 kg (Stainless steel)
  660 x 550 x 135 mm, 21 kg (Powder-coated) 23 kg (Stainless steel)
  800 x 600 x 135 mm, 29 kg (Powder-coated) 34 kg (Stainless steel)
  Terminal: 303 x 95 x 57 mm, 0,6 kg (Without rechargeable battery/batteries)

Options

All interfaces have factory-preset print images and EDP data records for direct data output and data communication. These can also be individually adapted via the service programme 25641.10.001:

- ▶ Wall/stand bracket 38xx, stainless steel, Order No.: 2503.30.005
- ▶ USB data cable 3 m with 2 plugs A-plug, B-plug, (IP 42) Order No. 2550.03.022
- ▶ USB data cable, connection 38xx - PC, cable length 2 m, (IP 67) Order No. 2550.03.011
- ▶ Interface module Ethernet incl. RJ45 socket, keyboard wedge (cable 2550.03.022 still required) + Connection module serial interface installed (IP 42), Order No. 2563.50.001
- ▶ Interface module Ethernet with 10m patch cable + connection module serial interface installed (IP 67), Order No. 2563.50.002
- ▶ Extension module for serial interface installed (IP 42 / IP 67), Order No.: 2558.06.001
- ▶ RS 232 interface 5-pin installed, order no.: 2563.21.007 (Module 2563.50.00x / 2558.06.001 necessary)
- ▶ Bluetooth® interface installed, order no.: 2563.12.002 (Module 2563.50.00x / 2558.06.001 necessary)
- ▶ WLAN module installed, order no.: 2563.10.011 (Module 2563.50.00x / 2558.06.001 necessary)
- ▶ Battery incl. charging circuit for mains-free operation installed, operating time: approx. 50 hours (depending on settings), Order No. 2557.40.005
- ▶ UK power adapter, Order No.: 2557.25.002
- ▶ US power adapter, Order No.: 2557.25.004

Please find other accessories and IT interface options on page 31 and in chapters 12 - 15

Optional

| Order No. IP 42	Order No. IP 65/67	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time Week
Size 1, not approvable						
9560.01.040	9560.01.140	Powder-coated	310 x 275 x 75	**3**	0,1	1
9560.02.040	9560.02.140	Powder-coated	310 x 275 x 75	**6**	0,2	1
9560.03.040	9560.03.140	Powder-coated	310 x 275 x 75	**15**	0,5	1
9560.04.040	9560.04.140	Powder-coated	310 x 275 x 75	**32**	1	1
	9560.11.140	Stainless steel	310 x 275 x 75	**3**	0,1	1
	9560.12.140	Stainless steel	310 x 275 x 75	**6**	0,2	1
	9560.13.140	Stainless steel	310 x 275 x 75	**15**	0,5	1
	9560.14.140	Stainless steel	310 x 275 x 75	**32**	1	1
Size 2, not approvable						
9561.02.040	9561.02.140	Powder-coated	400 x 300 x 75	**6**	0,2	1
9561.03.040	9561.03.140	Powder-coated	400 x 300 x 75	**15**	0,5	1
9561.04.040	9561.04.140	Powder-coated	400 x 300 x 75	**32**	1	1
9561.05.040	9561.05.140	Powder-coated	400 x 300 x 75	**60**	2	1
	9561.12.140	Stainless steel	400 x 300 x 75	**6**	0,2	1
	9561.13.140	Stainless steel	400 x 300 x 75	**15**	0,5	1
	9561.14.140	Stainless steel	400 x 300 x 75	**32**	1	1
Size 3, not approvable						
9562.04.040	9562.04.140	Powder-coated	520 x 400 x 100	**32**	1	1
9562.05.040	9562.05.140	Powder-coated	520 x 400 x 100	**60**	2	1
9562.06.040	9562.06.140	Powder-coated	520 x 400 x 100	**150**	5	1
	9562.14.140	Stainless steel	520 x 400 x 125	**32**	1	1
	9562.15.140	Stainless steel	520 x 400 x 125	**60**	2	1
	9562.16.140	Stainless steel	520 x 400 x 125	**150**	5	1
Size 4, not approvable						
9563.05.040	9563.05.140	Powder-coated	660 x 550 x 135	**60**	2	1
9563.06.040	9563.06.140	Powder-coated	660 x 550 x 135	**150**	5	1
9563.07.040	9563.07.140	Powder-coated	660 x 550 x 135	**300**	10	1
	9563.15.140	Stainless steel	660 x 550 x 135	**60**	2	1
	9563.16.140	Stainless steel	660 x 550 x 135	**150**	5	1
	9563.17.140	Stainless steel	660 x 550 x 135	**300**	10	1
Size 5, not approvable						
9564.06.040	9564.06.140	Powder-coated	800 x 600 x 135	**150**	5	1
9564.07.040	9564.07.140	Powder-coated	800 x 600 x 135	**300**	10	1
	9564.16.140	Stainless steel	800 x 600 x 135	**150**	5	1
	9564.17.140	Stainless steel	800 x 600 x 135	**300**	10	1

Different models and dimensions available on request.

Bench scale 757x, 957x

For professional use
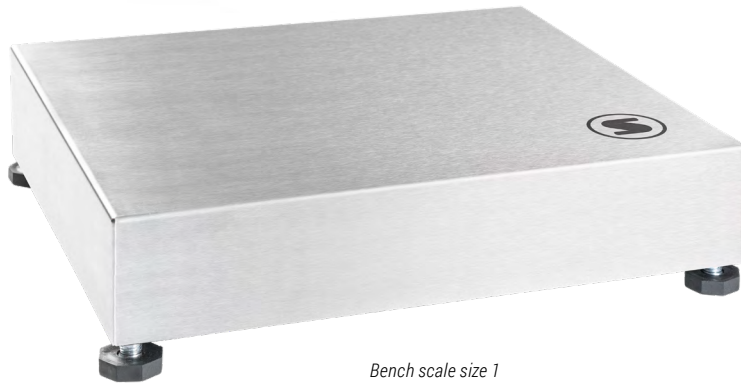
Bench scale size 1

Battery compartment

Power supply and USB interface IP 67

Features
▶ Bench scale with separate display and 2.5 m cable
▶ Approvable two or three-range scale (accuracy class III) and high-resolution single-range scale, not approvable
▶ Fast and stable standstill behaviour (filter type 3)
▶ 10-key operation with freely assignable F key
▶ Backlit LC display, character height: 25 mm
▶ Rechargeable battery operation and extra low-profile design facilitate flexible use in different locations
▶ Integrated USB interface type B (virtual serial interface)
▶ Functions: Weighing, taring, plus/minus weighing, counting (with reference weight optimisation and add mode), count check, checkweighing, totalising/commissioning, percentage weighing, add-weighing, neutral measuring, hold, auto-tare, user filter setting, print/EDP with variable print layout, GLP report
▶ Recommended minimum reference weight for counting parts: 3 divisions
▶ Pass/fail control function with beeper and visual indicator
  Optional: external control light (Order No.: 2551.04.001 or 2551.50.006)
▶ Optional: Price computing software for price labelling
▶ Realtime clock with date
▶ For not approvable version: Internal user calibration for location adjustment and changeover of weight unit from kg to lb
▶ Weighing platform: Stainless steel 1.4301,
  Base frame: Stainless steel 1.4301 or powder-coated steel,
  Terminal housing: Plastic
▶ Mains operation: 100 – 240 V / 50 – 60 Hz
  UK or US adapter, see accessories
  Battery operation (6x AA batteries) or optional rechargeable battery operation with battery pack and charging circuit (battery life approx. 50 hrs., depending on settings)
▶ Additional slots for optional interfaces, such as Ethernet, WLAN / Bluetooth® with antenna, USB - Interface for RS232 - printer | EDP | large/secondary display
▶ Scale leveling up to 10 mm with 4 adjustable feet and spirit level
▶ Protection class IP 42, IP 65 or IP 67 (stainless steel base frame)
  High protection class IP 65 / IP 67 for protection against dust and splash water
▶ Nominal operating temperature: -10 °C to 40 °C
▶ Optional: wall/stand bracket

▶ Scale dimensions / scale weight:
  310 x 275 x 75 mm, 6 kg
  400 x 300 x 75 mm, 8 kg
  520 x 400 x 100 mm, 10 kg (Powder-coated)
  520 x 400 x 125 mm, 13 kg (Stainless steel)
  660 x 550 x 135 mm, 21 kg (Powder-coated) 23 kg (Stainless steel)
  800 x 600 x 135 mm, 29 kg (Powder-coated) 34 kg (Stainless steel)
  Terminal: 303 x 95 x 57 mm, 0,6 kg (Without rechargeable battery/batteries)

Options
All interfaces have factory-preset print images and EDP data records for direct data output and data communication. These can also be individually adapted via the service programme 25641.10.001.
▶ Wall/stand bracket 38xx, stainless steel, Order No.: 2503.30.005
▶ USB data cable 3 m with 2 plugs A-plug, B-plug, (IP 42)
  Order No. 2550.03.022
▶ USB data cable, connection 38xx - PC, cable length 2 m, (IP 67)
  Order No. 2550.03.011
▶ Interface module Ethernet incl. RJ45 socket, keyboard wedge (cable2550.03.022 still required) + Connection module serial interface installed (IP 42), Order No. 2563.50.001
▶ Interface module Ethernet with 10 m patch cable + connection module serial interface installed (IP 67), Order No. 2563.50.002
▶ Extension module for serial interface installed (IP 42 / IP 67), Order No.: 2558.06.001
▶ RS 232 interface 5-pin installed, order no.: 2563.21.007 (Module 2563.50.00x / 2558.06.001 necessary)
▶ Bluetooth® interface installed, order no.: 2563.12.002 (Module 2563.50.00x / 2558.06.001 necessary)
▶ WLAN module installed, order no.: 2563.10.011 (Module 2563.50.00x / 2558.06.001 necessary)
▶ Alibi memory installed, Order No.: 2792.40.002
▶ Battery incl. charging circuit for mains-free operation installed, operating time: approx. 50 hours (depending on settings), Order No.: 2557.40.005

Please find other accessories and IT interface options on page 31 and in chapters 12 - 15

Optional

Order No. IP 42	Order No. IP 65/67	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time Week
Size 1, approvable						
7570.01.010	7570.01.110	Powder-coated	310 x 275 x 75	1,5 | **3**	0,5 | 1	1
7570.02.010	7570.02.110	Powder-coated	310 x 275 x 75	3 | **6**	1 | 2	1
7570.03.010	7570.03.110	Powder-coated	310 x 275 x 75	6 | **15**	2 | 5	1
7570.03.020	7570.03.120	Powder-coated	310 x 275 x 75	3 | 6 | **15**	1 | 2 | 5	1
7570.04.010	7570.04.110	Powder-coated	310 x 275 x 75	20 | **35**	5 | 10	1
7570.04.020	7570.04.120	Powder-coated	310 x 275 x 75	6 | 15 | **30**	2 | 5 | 10	1
7570.11.010	7570.11.110	Stainless steel	310 x 275 x 75	1,5 | **3**	0,5 | 1	1
7570.12.010	7570.12.110	Stainless steel	310 x 275 x 75	3 | **6**	1 | 2	1
7570.13.010	7570.13.110	Stainless steel	310 x 275 x 75	6 | **15**	2 | 5	1
7570.13.020	7570.13.120	Stainless steel	310 x 275 x 75	3 | 6 | **15**	1 | 2 | 5	1
7570.14.010	7570.14.110	Stainless steel	310 x 275 x 75	15 | **30**	5 | 10	1
7570.14.020	7570.14.120	Stainless steel	310 x 275 x 75	6 | 15 | **30**	2 | 5 | 10	1
Not approvable						
9570.01.040	9570.01.140	Powder-coated	310 x 275 x 75	**3**	0,1	1
9570.02.040	9570.02.140	Powder-coated	310 x 275 x 75	**6**	0,2	1
9570.03.040	9570.03.140	Powder-coated	310 x 275 x 75	**15**	0,5	1
9570.04.040	9570.04.140	Powder-coated	310 x 275 x 75	**32**	1	1
Size 2, approvable						
7571.02.010	7571.02.110	Powder-coated	400 x 300 x 75	3 | **6**	1 | 2	1
7571.03.010	7571.03.110	Powder-coated	400 x 300 x 75	6 | **15**	2 | 5	1
7571.04.010	7571.04.110	Powder-coated	400 x 300 x 75	20 | **35**	5 | 10	1
7571.04.020	7571.04.120	Powder-coated	400 x 300 x 75	6 | 15 | **30**	2 | 5 | 10	1
7571.05.010	7571.05.110	Powder-coated	400 x 300 x 75	30 | **60**	10 | 20	1
7571.12.010	7571.12.110	Stainless steel	400 x 300 x 75	3 | **6**	1 | 2	1
7571.13.010	7571.13.110	Stainless steel	400 x 300 x 75	6 | **15**	2 | 5	1
7571.14.010	7571.14.110	Stainless steel	400 x 300 x 75	15 | **30**	5 | 10	1
7571.14.020	7571.14.120	Stainless steel	400 x 300 x 75	6 | 15 | **30**	2 | 5 | 10	1
Not approvable						
9571.02.040	9571.02.140	Powder-coated	400 x 300 x 75	**6**	0,2	1
9571.03.040	9571.03.140	Powder-coated	400 x 300 x 75	**15**	0,5	1
9571.04.040	9571.04.140	Powder-coated	400 x 300 x 75	**32**	1	1
9571.05.040	9571.05.140	Powder-coated	400 x 300 x 75	**60**	2	1

Bench scale 757x, 957x

Order No. IP 42	Order No. IP 65/67	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time Week
Size 3, approvable						
7572.04.010	7572.04.110	Powder-coated	520 x 400 x 100	15 | **30**	5 | 10	1
7572.05.010	7572.05.110	Powder-coated	520 x 400 x 100	30 | **60**	10 | 20	1
7572.06.010	7572.06.110	Powder-coated	520 x 400 x 100	60 | **150**	20 | 50	1
7572.14.010	7572.14.110	Stainless steel	520 x 400 x 125	15 | **30**	5 | 10	1
7572.15.010	7572.15.110	Stainless steel	520 x 400 x 125	30 | **60**	10 | 20	1
7572.15.020	7572.15.120	Stainless steel	520 x 400 x 125	15 | 30 | **60**	5 | 10 | 20	1
7572.16.010	7572.16.110	Stainless steel	520 x 400 x 125	60 | **150**	20 | 50	1
Not approvable						
9572.04.040	9572.04.140	Powder-coated	520 x 400 x 100	**32**	1	1
9572.05.040	9572.05.140	Powder-coated	520 x 400 x 100	**60**	2	1
9572.06.040	9572.06.140	Powder-coated	520 x 400 x 100	**150**	5	1
Size 4, approvable						
7573.05.010	7573.05.110	Powder-coated	660 x 550 x 135	30 | **60**	10 | 20	1
7573.05.020	7573.05.120	Powder-coated	660 x 550 x 135	15 | 30 | **60**	5 | 10 | 20	1
7573.06.010	7573.06.110	Powder-coated	660 x 550 x 135	60 | **150**	20 | 50	1
7573.06.020	7573.06.120	Powder-coated	660 x 550 x 135	30 | 60 | **150**	10 | 20 | 50	1
7573.07.010	7573.07.110	Powder-coated	660 x 550 x 135	150 | **300**	50 | 100	1
	7573.15.110	Stainless steel	660 x 550 x 135	30 | **60**	10 | 20	1
	7573.15.120	Stainless steel	660 x 550 x 135	15 | 30 | **60**	5 | 10 | 20	1
	7573.16.110	Stainless steel	660 x 550 x 135	60 | **150**	20 | 50	1
	7573.16.120	Stainless steel	660 x 550 x 135	30 | 60 | **150**	10 | 20 | 50	1
	7573.17.110	Stainless steel	660 x 550 x 135	150 | **300**	50 | 100	1
Not approvable						
9573.05.040	9573.05.140	Powder-coated	660 x 550 x 135	**60**	2	1
9573.06.040	9573.06.140	Powder-coated	660 x 550 x 135	**150**	5	1
9573.07.040	9573.07.140	Powder-coated	660 x 550 x 135	**300**	10	1
	9573.15.140	Stainless steel	660 x 550 x 135	**60**	2	1
	9573.16.140	Stainless steel	660 x 550 x 135	**150**	5	1
	9573.17.140	Stainless steel	660 x 550 x 135	**300**	10	1
Size 5, approvable						
7574.06.010	7574.06.110	Powder-coated	800 x 600 x 135	60 | **150**	20 | 50	1
7574.07.010	7574.07.110	Powder-coated	800 x 600 x 135	150 | **300**	50 | 100	1
	7574.16.110	Stainless steel	800 x 600 x 135	60 | **150**	20 | 50	1
	7574.17.110	Stainless steel	800 x 600 x 135	150 | **300**	50 | 100	1
Not approvable						
9574.06.040	9574.06.140	Powder-coated	800 x 600 x 135	**150**	5	1
9574.07.040	9574.07.140	Powder-coated	800 x 600 x 135	**300**	10	1
	9574.16.140	Stainless steel	800 x 600 x 135	**150**	5	1
	9574.17.140	Stainless steel	800 x 600 x 135	**300**	10	1

Different models and dimensions available on request.

Accessories for bench scales

Accessories	Order No.:	955x P No.	956x P No.	757x, 957x P No.
Stands				
Wall/stand bracket 38xx, stainless steel, for wall/table or floor stand	2503.	30.005	30.005	30.005
Floor stand with floor plate 200 x 200 mm, painted, approx. height: 1,150 mm	2504.	10.001	10.001	10.001
Stand base, painted, 390 x 390 mm	2504.	11.001	11.001	11.001
Floor stand with floor plate 200 x 200 mm, stainless steel, approx. height: 1,150 mm	2504.	20.001	20.001	20.001
Stand base, stainless steel, 390 x 390 mm	2504.	21.001	21.001	21.001
Appr.				
Alibi memory installed*	2792.			40.002
Plug-in interface with ID chip installed, approvable section point between scale and display e.g. floor installation*	2550.	05.002	05.002	05.002
Plug-in interface with ID chip installed, straight plug D = 20 mm, approvable section point between scale and display*	2550.	05.004	05.004	05.004
Interfaces/Data cables				
USB 2.0 cable 3 m with 2 plugs A-plug, B-plug, for IP 42 version (for integrated virtual serial USB interface and keyboard wedge)	2550.	03.022	03.022	03.022
Interface module Ethernet incl. RJ45 socket, keyboard wedge (cable 2550.03.022 required) + traffic light connection and slot for serial interface* (only for IP 42 variants)	2563.		50.001	50.001
Interface module Ethernet with 10 m patch cable + control light connection and slot for serial interface* (only for IP 65/67 variants)	2563.		50.002	50.002
Extension module for serial interface (2 slots) and control light connection* (optional interface modules required)	2558.		06.001	06.001
RS422/485 interface installed* (module 2563.50.00x / 2558.06.001 required)	2563.		49.003	49.003
RS 232 interface installed, 5-pin* (module 2563.50.00x / 2558.06.001 required)	2563.		21.007	21.007
IT cable 2 m, 5 pin – 9 pin	2550.		03.002	03.002
IT cable 2 – 10 m, 5 pin – 9 pin	2550.		00.008	00.008
USB data cable, connection 38xx (IP 67) - PC, cable length 2 m	2550.		03.011	03.011
WLAN module configured incl. internal antenna* (Module 2563.50.00x / 2558.06.001 / 2563.50.003 required)	2563.		10.011	10.011
Bluetooth® interface incl. internal antenna* (Module 2563.50.00x / 2558.06.001 / 2563.50.003 required)	2563.		12.002	12.002
Dataset format, customer-specific	5751.		01.002	01.002
Printer				
Label printer, print width up to 108 mm (thermo-direct)	2795.		20.001	20.001
Printer cable, 5-pin - 9-pin, 2 m (for printer 2795.20.001)	2550.		03.010	03.010
Label printer with cut-off device, print width up to 104 mm (thermo-direct)	2795.		12.002	12.002
Tape printer, paper width up to 76 mm (9 pin)	2795.		14.005	14.005
Printer cable, 5-pin - 25-pin, 2 m (for printer 2795.12.002 / 2795.14.005)	2550.		03.007	03.007
Printer cable, 5-pin - 25-pin, 2-10 m (for printer 2795.12.002 / 2795.14.005)	2550.		00.009	00.009
Print format design, customer-specific	5751.		01.001	01.001
Dataset/print format installation of existing or provided data	5751.		01.004	01.004
Contr. light				
Large display LED 95 mm, 5 pin plug with 10 m cable	2562.		01.004	01.004
Second display LED 38 mm, 5 pin plug with 15 m cable	2562.		12.001	12.001
Control light, 4 lights* (Module 2563.50.00x / 2558.06.001 necessary)	2551.		04.001	04.001
Control light, 3-colour LED* (extension module 2558.06.001, interface module 2563.50.001 (IP42) or 2563.50.002 (IP67) required)	2551.		50.006	50.006
Software				
PC service programme (data set and print image design)	2564.		10.003	10.003
SSC Pro MC, comprehensive software programme for transferring scale data to a PC programme (with activation code)	2564.	20.017	20.017	20.017
Price computing software for price labelling	2564.			50.001
Software for linking scale to SAP R/3, single-user solution for SAP GUI via RS 232, USB or Ethernet	2564.	20.006	20.006	20.006
Software for linking scale to SAP R/3, Server solution via Ethernet	2564.		20.010	20.010
Miscell.				
Battery incl. charging circuit installed for mains-free operation*	2557.	40.005	40.005	40.005
Protective cap USB B for terminals IP 42, set of 10	2507.	02.005	02.005	02.005
Protective cap USB B for terminals IP 42, set of 25	2507.	02.006	02.006	02.006
UK power adapter	2557.	25.002	25.002	25.002
US power adapter	2557.	25.004	25.004	25.004
Name plate, with entries	2512.			06.004

Please include the Order No. + P No. when placing your purchase order.
* Any required options must be included in the purchase order. Retrofits are not possible

Bench scale 73xx, 93xx

For simple applications in the incoming goods, production and shipping areas

Bench scales size 3

Features

▶ Approvable two or three-range scale (accuracy class III) and high-resolution single-range scale, not approvable
▶ Weighing platform made from 1.4301 stainless steel, removable for easy cleaning, protection class IP 65 or IP 68/69K also supports high-pressure cleaning
▶ Base frame made from powder-coated steel in an extra low-profile design, Load cell made from aluminum alloy, three-range scales: Load cell made from stainless steel
▶ Stainless steel version: Substructure made of stainless steel Extra-flat modular design
▶ Choice of 5 platform sizes
▶ Scale leveling up to 10 mm with 4 adjustable feet and spirit level (for appr.)
▶ Cable length: 2.5 m
▶ Nominal operating temperature: -10 °C to 40 °C

Options

▶ Roller conveyor (see page 69, Stainless steel on request)

Terminal 3010.02.002

▶ Backlit LC display, character height: 16 mm
▶ Three LEDs red / yellow / green as control lights
▶ Easy 10-key operation
▶ Functions: Weighing and taring, counting, totalising, order picking, withdrawal weighing, dynamic switching, checking, count checking, dosing
▶ Compact housing made of stainless steel 1.4301, protection class IP 67
▶ Integrated power supply 100-240 V, 50 / 60 Hz
▶ Optional: Wall/stand holder 2503.30.007, table holder 2503.30.004
▶ Up to 3 interface slots for options such as RS232, USB, Ethernet
▶ Slot for Profibus or Profinet and I/O card

Terminal 3010 accessories see page 97 - 99

Optional Terminal 3010

With terminal 3010

Order No. Substructure Powder coated	Configuartion Substructure Stainless steel	Plattform size mm	Maximum load kg	Division g	Delivery time Week
Size 1, approvable					
7390.01.110	7390.11.110	310 x 275 x 75	1,5 | **3**	0,5 | 1	1
7390.02.110	7390.12.110	310 x 275 x 75	3 | **6**	1 | 2	1
7390.03.110	7390.13.110	310 x 275 x 75	6 | **15**	2 | 5	1
7390.03.120	7390.13.120	310 x 275 x 75	3 | 6 | **15**	1 | 2 | 5	1
7390.04.110	7390.14.110	310 x 275 x 75	20(15) | **35(30)**	5 | 10	1
7390.04.120	7390.14.120	310 x 275 x 75	6 | 15 | **30**	2 | 5 | 10	1
Not approvable					
9390.01.140	9390.11.140	310 x 275 x 75	**3**	0,1	1
9390.02.140	9390.12.140	310 x 275 x 75	**6**	0,2	1
9390.03.140	9390.13.140	310 x 275 x 75	**15**	0,5	1
9390.04.140	9390.14.140	310 x 275 x 75	**32**	1	1
Size 2, approvable					
7391.02.110	7391.12.110	400 x 300 x 75	3 | **6**	1 | 2	1
7391.03.110	7391.13.110	400 x 300 x 75	6 | **15**	2 | 5	1
7391.04.110	7391.14.110	400 x 300 x 75	20(15) | **35(30)**	5 | 10	1
7391.04.120	7391.14.120	400 x 300 x 75	6 | 15 | **30**	2 | 5 | 10	1
7391.05.110		400 x 300 x 75	30 | **60**	10 | 20	1
Not approvable					
9391.02.140	9391.12.140	400 x 300 x 75	**6**	0,2	1
9391.03.140	9391.13.140	400 x 300 x 75	**15**	0,5	1
9391.04.140	9391.14.140	400 x 300 x 75	**32**	1	1
9391.05.140		400 x 300 x 75	**60**	2	1
Size 3, approvable					
7392.04.110	7392.14.110	520 x 400 x 75(125)	15 | **30**	5 | 10	1
7392.05.110	7392.15.110	520 x 400 x 75(125)	30 | **60**	10 | 20	1
	7392.15.120	520 x 400 x 125	15 | 30 | **60**	5 | 10 | 20	1
7392.06.110	7392.16.110	520 x 400 x 75(125)	60 | **150**	20 | 50	1
	7392.16.120	520 x 400 x 125	30 | 60 | **150**	10 | 20 | 50	1
Not approvable					
9392.04.140	9392.14.140	520 x 400 x 75(125)	**32**	1	1
9392.05.140	9392.15.140	520 x 400 x 75(125)	**60**	2	1
9392.06.140	9392.16.140	520 x 400 x 75(125)	**150**	5	1
Size 4, approvable					
7393.05.110	7393.15.110	660 x 550 x 135	30 | **60**	10 | 20	1
7393.05.120	7393.15.120	660 x 550 x 135	15 | 30 | **60**	5 | 10 | 20	1
7393.06.110	7393.16.110	660 x 550 x 135	60 | **150**	20 | 50	1
7393.06.120	7393.16.120	660 x 550 x 135	30 | 60 | **150**	10 | 20 | 50	1
7393.07.110	7393.17.110	660 x 550 x 135	150 | **300**	50 | 100	1
Not approvable					
9393.05.140	9393.15.140	660 x 550 x 135	**60**	2	1
9393.06.140	9393.16.140	660 x 550 x 135	**150**	5	1
9393.07.140	9393.17.140	660 x 550 x 135	**300**	10	1
Size 5, approvable					
7394.06.110	7394.16.110	800 x 600 x 135	60 | **150**	20 | 50	1
7394.07.110	7394.17.110	800 x 600 x 135	150 | **300**	50 | 100	1
Not approvable					
9394.06.140	9394.16.140	800 x 600 x 135	**150**	5	1
9394.07.140	9394.17.140	800 x 600 x 135	**300**	10	1

Abweichende Ausführungen und Abmessungen auf Anfrage erhältlich.

Bench scale 74xx, 94xx

Recommended for demanding applications in the chemical, pharmaceutical and food industry

MADE IN GERMANY

Bench scales size 3

Features

▸ Approvable two or three-range scale (accuracy class III) and high-resolution single-range scale, not approvable

▸ Weighing platform made from 1.4301 stainless steel, removable for easy cleaning, protection class IP 65 or IP 68/69K also supports high-pressure cleaning

▸ Base frame made from stainless steel in an extra low-profile modular design

▸ Load cell made from stainless steel

▸ Choice of 5 platform sizes

▸ Scale leveling up to 10 mm with 4 adjustable feet and spirit level (for appr.)

▸ Cable length: 2.5 m

▸ Nominal operating temperature: -10 °C to 40 °C

Options

▸ Roller conveyor (see page 69, stainless steel on request)

Terminal 3025.01.001

▸ Easy-to-read 3.5" TFT colour display (QVGA 320 x 240 pixels)

▸ Adjustable background color, dimmable

▸ Control function as control light

▸ Digit height 11 mm

▸ Convenient operation via membrane keypad with 10-key keypad for alphanumeric key entry, e.g. tare hand

▸ 5 application programs: Weighing and taring, totalising and order picking, counting and count checking, checking, dynamic switching

▸ 4 organization data memories, e.g. for article number, customer number, or shipping ticket number

▸ Barcode management with filtering and multiscan function

▸ Compact housing made of stainless steel 1.4301, protection class IP 67

▸ Integrated power supply 100-240 V, 50 / 60 Hz

▸ Optional: wall/stand holder 2503.30.007, table holder 2503.30.004

▸ RS232 interface as standard

▸ Up to 5 interface slots for options such as RS232, USB, Ethernet

▸ Slot for Profibus or Profinet and I/O card

Terminal 3025 accessories see page 97 - 99

Optional Terminal 3025

With terminal 3025

Order No. Substructure Powder coated	Configuartion Substructure Stainless steel	Plattform size mm	Maximum load kg	Division g	Delivery time Week
Size 1, approvable					
7490.01.110	7490.11.110	310 x 275 x 75	1,5 | **3**	0,5 | 1	1
7490.02.110	7490.12.110	310 x 275 x 75	3 | **6**	1 | 2	1
7490.03.110	7490.13.110	310 x 275 x 75	6 | **15**	2 | 5	1
7490.03.120	7490.13.120	310 x 275 x 75	3 | 6 | **15**	1 | 2 | 5	1
7490.04.110	7490.14.110	310 x 275 x 75	20(15) | **35(30)**	5 | 10	1
7490.04.120	7490.14.120	310 x 275 x 75	6 | 15 | **30**	2 | 5 | 10	1
Not approvable					
9490.01.140	9490.11.140	310 x 275 x 75	**3**	0,1	1
9490.02.140	9490.12.140	310 x 275 x 75	**6**	0,2	1
9490.03.140	9490.13.140	310 x 275 x 75	**15**	0,5	1
9490.04.140	9490.14.140	310 x 275 x 75	**32**	1	1
Size 2, approvable					
7491.02.110	7491.12.110	400 x 300 x 75	3 | **6**	1 | 2	1
7491.03.110	7491.13.110	400 x 300 x 75	6 | **15**	2 | 5	1
7491.04.110	7491.14.110	400 x 300 x 75	20(15) | **35(30)**	5 | 10	1
7491.04.120	7491.14.120	400 x 300 x 75	6 | 15 | **30**	2 | 5 | 10	1
7491.05.110		400 x 300 x 75	30 | **60**	10 | 20	1
Not approvable					
9491.02.140	9491.12.140	400 x 300 x 75	**6**	0,2	1
9491.03.140	9491.13.140	400 x 300 x 75	**15**	0,5	1
9491.04.140	9491.14.140	400 x 300 x 75	**32**	1	1
9491.05.140		400 x 300 x 75	**60**	2	1
Size 3, approvable					
7492.04.110	7492.14.110	520 x 400 x 75(125)	15 | **30**	5 | 10	1
7492.05.110	7492.15.110	520 x 400 x 75(125)	30 | **60**	10 | 20	1
	7492.15.120	520 x 400 x 125	15 | 30 | **60**	5 | 10 | 20	1
7492.06.110	7492.16.110	520 x 400 x 75(125)	60 | **150**	20 | 50	1
	7492.16.120	520 x 400 x 125	30 | 60 | **150**	10 | 20 | 50	1
Not approvable					
9492.04.140	9492.14.140	520 x 400 x 75(125)	**32**	1	1
9492.05.140	9492.15.140	520 x 400 x 75(125)	**60**	2	1
9492.06.140	9492.16.140	520 x 400 x 75(125)	**150**	5	1
Size 4, approvable					
7493.05.110	7493.15.110	660 x 550 x 135	30 | **60**	10 | 20	1
7493.05.120	7493.15.120	660 x 550 x 135	15 | 30 | **60**	5 | 10 | 20	1
7493.06.110	7493.16.110	660 x 550 x 135	60 | **150**	20 | 50	1
7493.06.120	7493.16.120	660 x 550 x 135	30 | 60 | **150**	10 | 20 | 50	1
7493.07.110	7493.17.110	660 x 550 x 135	150 | **300**	50 | 100	1
Not approvable					
9493.05.140	9493.15.140	660 x 550 x 135	**60**	2	1
9493.06.140	9493.16.140	660 x 550 x 135	**150**	5	1
9493.07.140	9493.17.140	660 x 550 x 135	**300**	10	1
Size 5, approvable					
7494.06.110	7494.16.110	800 x 600 x 135	60 | **150**	20 | 50	1
7494.07.110	7494.17.110	800 x 600 x 135	150 | **300**	50 | 100	1
Not approvable					
9494.06.140	9494.16.140	800 x 600 x 135	**150**	5	1
9494.07.140	9494.17.140	800 x 600 x 135	**300**	10	1

Abweichende Ausführungen und Abmessungen auf Anfrage erhältlich.

Bench and stand scales 9065/66/67, 9965

For applications not subject to approval mandate

MADE IN
GERMANY

Battery compartment

Power supply and USB interface

Features

- ▶ Extra low-profile, ergonomic stainless steel platform; weighed goods only need to be lifted minimally
- ▶ Separate display unit – weighed goods do not conceal the display
- ▶ Large LC display (no backlighting),, character height: 25 mm
- ▶ 5-key operation with freely assignable F key
- ▶ Integrated USB interface type B (virtual serial interface)
- ▶ Flexible use at different locations due to battery operation (6x AA batteries) or optional battery operation with battery pack and charging circuit (battery life approx. 50 hrs., depending on settings)
- ▶ Energy-efficient due to integrated Auto-off function of the rechargeable battery with adjustable timer from 1 – 30 minutes or continuous operation
- ▶ Mains operation: 100 – 240 V / 50 – 60 Hz UK or US adapter, see accessories
- ▶ Fast and stable standstill behaviour (filter type 3)
- ▶ Internal user calibration for location-specific adjustments
- ▶ Weight units switchable between kg and lb
- ▶ Functions: Weigh, tare, plus/minus weighing, add, hold, user filter setting, print/EDV with variable print layout, auto tare
- ▶ Weighing platform: Stainless steel 1.4301, Base frame: Painted or galvanized sheetmetal
- ▶ Optional: wall/stand bracket (for versions with separate display)
- ▶ Protection Class IP 42
- ▶ Nominal operating temperature: -10 °C to 40 °C

- ▶ Scale dimensions / scale weight:
  Bench scale:
  310 x 275 x 35 mm, 3 kg
  520 x 400 x 70 mm, 13 kg
  660 x 545 x 85 mm, 27 kg
  Stand scale:
  310 x 400 x 520 mm, 7 kg

Options

All interfaces have factory-preset print images and EDP data records for direct data output and data communication. These can also be individually adapted via the service programme 25641.10.001:

- ▶ Wall/stand bracket 38xx, stainless steel, Order No.: 2503.30.005
- ▶ USB data cable 3m with 2 plugs A plug, B plug, Order No.: 2550.03.022
- ▶ Battery incl. charging circuit installed, Order No.: 2557.40.005
- ▶ UK power adapter, Order No.: 2557.25.002
- ▶ US power adapter, Order No.: 2557.25.004

Optional

Order No.:	Order No.:	Configuration	Platform size	Maximum load	Division	Delivery time
Without Akku	Incl. Akku	Base frame Incl. battery	mm	kg	g	Week
Size 1 – separate display, not approvable						
9065.01.001	9065.01.002	Galvanized steel sheet	310 x 275 x 35	**15**	5	1
9065.02.001	9065.02.002	Galvanized steel sheet	310 x 275 x 35	**30**	10	1
9065.03.001	9065.03.002	Galvanized steel sheet	310 x 275 x 35	**60**	20	1
Size 2 – separate display, not approvable						
9066.02.001	9066.02.002	painted anthracite grey	520 x 400x 70	**30**	10	1
9066.03.001	9066.03.002	painted anthracite grey	520 x 400x 70	**60**	20	1
9066.04.001	9066.04.002	painted anthracite grey	520 x 400x 70	**150**	50	1
Size 3 – separate display, not approvable						
9067.04.001	9067.04.002	painted anthracite grey	660 x 545x 85	**150**	50	1
9067.05.001	9067.05.002	painted anthracite grey	660 x 545x 85	**200**	100	1
Size 1 – with stand for display, not approvable						
9965.01.001	9965.01.002	Galvanized steel sheet	310 x 275 x 35	**15**	5	1
9965.02.001	9965.02.002	Galvanized steel sheet	310 x 275 x 35	**30**	10	1
9965.03.001	9965.03.002	Galvanized steel sheet	310 x 275 x 35	**60**	20	1

Accessories for bench scales or stand scales 906x, 9965

Order No.:	Configuration
2503.03.001	Wall bracket 38xx, stainless steel (for versions without stand)
2550.03.022	USB 2.0 cable 3m with 2 plugs A plug, B plug
2564.20.017	SSC Pro MC, comprehensive software programme for transferring scale data to a PC programme (with activation code)
2564.20.006	Software for linking scale to SAP R/3, single-user solution for SAP GUI via RS 232, USB or Ethernet
2557.40.005	Battery incl. charging circuit installed for mains-free operation*
2507.02.005	Protective cap USB B for terminals IP 42, set of 10
2507.02.006	Protective cap USB B for terminals IP 42.25 set
2557.25.002	UK power adapter
2557.25.004	US power adapter

* Any required options must be included in the purchase order. Retrofits are not possible.

energy-efficient

versatile

made in Germany

stainless approvable tare

kg multi-range lb

LC display

stand display

plus / minus control

3. Stand scales
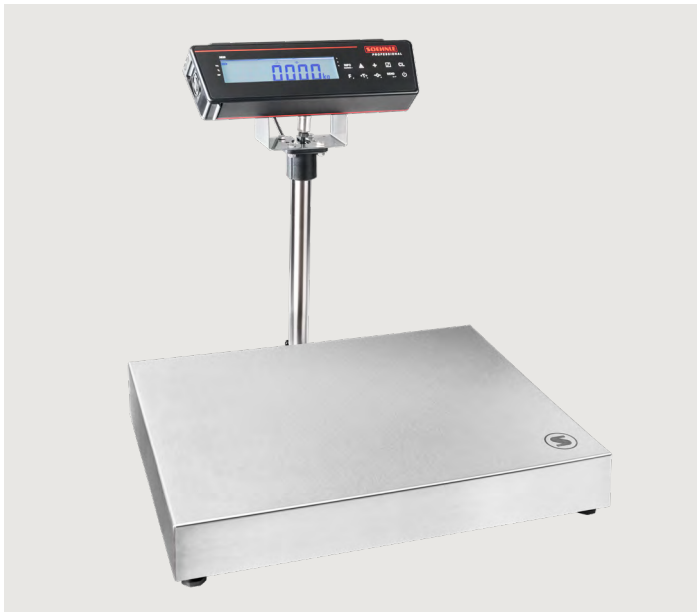
Information at eye level

995x
Stand scale

996x
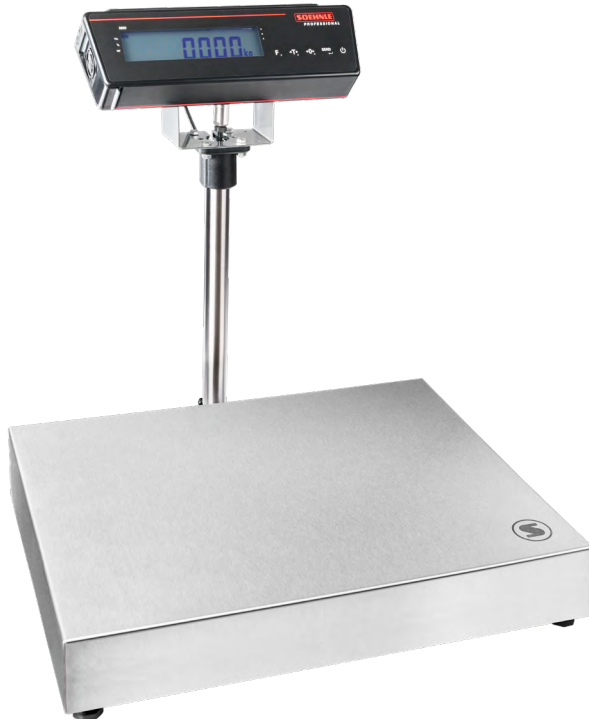Stand scale

797x
Stand scale

Stand scale 995x

For mobile use

Stand scale size 3

Clear height

Power supply and USB interface

Power supply and USB interface

Features

▶ High-resolution single-range scale, not approvable
▶ Display at eye level
▶ Weighed goods do not conceal display
▶ Compact unit, portable
▶ Fast and stable standstill behaviour (filter type 3)
▶ 5-key operation with freely assignable F key
▶ Large LC display (no backlighting), character height: 25 mm
▶ Rechargeable battery operation and extra low-profile design facilitate flexible use in different locations
▶ Integrated USB interface type B (virtual serial interface)
▶ Functions: Weigh, tare, plus/minus weighing, add, hold, user filter setting, print/EDV with variable print layout, auto tare
▶ Internal user calibration for location-specific adjustments
▶ Weight units switchable between kg and lb
▶ Weighing platform: Stainless steel 1.4301,
Base frame: Powder-coated steel
terminal housing: Plastic
▶ Mains operation: 100 – 240 V / 50 – 60 Hz
UK or US adapter, see accessories
Battery operation (6x AA batteries) or optional rechargeable battery operation with battery pack and charging circuit (battery life approx. 50 hrs., depending on settings)
▶ Energy-efficient due to integrated Auto-off function of the rechargeable battery with adjustable timer from 1 – 30 minutes or continuous operation

▶ Scale leveling up to 10 mm with 4 adjustable feet and spirit level
▶ Protection class IP 42
▶ Nominal operating temperature: -10 °C to 40 °C
▶ Clear height: upper edge of weighing platform to lower edge of terminal, depending on model 336-390 mm
▶ Scale dimensions / scale weight:
400 x 420 x 569 mm, 10 kg
520 x 460 x 569 mm, 12 kg
660 x 655 x 569 mm, 23 kg

Options

All interfaces have factory-preset print images and EDP data records for direct data output and data communication. These can also be individually adapted via the service programme 25641.10.001:

▶ USB data cable 3m with 2 plugs A-plug, B-plug,
Order No. 2550.03.022
▶ Battery incl. charging circuit mounted, Order No. 2557.40.005
▶ UK power adapter, Order No.: 2557.25.002
▶ US power adapter, Order No.: 2557.25.004

Please find other accessories and IT interface options on page 31 and in chapters 12 - 15

Optional

Order No. IP 42	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time Week
Size 2, not approvable					
9951.04.040	Powder-coated	400 x 300 x 75	**32**	1	1
9951.05.040	Powder-coated	400 x 300 x 75	**60**	2	1
Size 3, not approvable					
9952.04.040	Powder-coated	520 x 400 x 100	**32**	1	1
9952.05.040	Powder-coated	520 x 400 x 100	**60**	2	1
Size 4, not approvable					
9953.06.040	Powder-coated	660 x 550 x 135	**150**	5	1

Different models and dimensions available on request.

3

Stand scale 996x

MADE IN GERMANY

For versatile applications

Stand scale size 3

Clear height

Power supply and USB interface

Power supply and USB interface IP 67

Features

► High-resolution single-range scale, not approvable
► Display at eye level
► Weighed goods do not conceal display
► Compact unit, portable
► Fast and stable standstill behaviour (filter type 3)
► 5-key operation with freely assignable F key
► Backlit LC display, character height: 25 mm
► Rechargeable battery operation and extra low-profile design facilitate flexible use in different locations
► Integrated USB interface type B (virtual serial interface)
► Functions: Weigh, tare, plus/minus weighing, add, hold, user filter setting, print/EDV with variable print layout, auto tare
► Internal user calibration for location-specific adjustments
► Weight units switchable between kg and lb
► Weighing platform: Stainless steel 1.4301,
Base frame: Stainless steel 1.4301 or powder-coated steel,
Terminal housing: Plastic
► Mains operation: 100 – 240 V / 50 – 60 Hz
UK or US adapter, see accessories
Battery operation (6x AA batteries) or optional rechargeable battery operation with battery pack and charging circuit (battery life approx. 50 hrs., depending on settings)
► Energy-efficient due to integrated Auto-off function of the rechargeable battery with adjustable timer from 1 – 30 minutes or continuous operation
► Further slots for optional interfaces, such as
WLAN / Bluetooth® with antenna
USB interface for keyboard wedge
► Scale leveling up to 10 mm with 4 adjustable feet and spirit level
► Protection class IP 42, IP 65 or IP 67 (stainless steel base frame)
► Nominal operating temperature: -10 °C to 40 °C
► Clear height: upper edge of weighing platform to lower edge of terminal, depending on model 336-390 mm

► Scale dimensions / scale weight:
310 x 395 x 569 mm, 8 kg
400 x 420 x 569 mm, 10 kg
520 x 460 x 569 mm, 12 kg (Powder-coated) 15 kg (Stainless steel)
660 x 655 x 569 mm, 23 kg (Powder-coated) 25 kg (Stainless steel)

Options

All interfaces have factory-preset print images and EDP data records for direct data output and data communication. These can also be individually adapted via the service programme 25641.10.001:

► USB data cable 3 m with 2 plugs A-plug, B-plug, (IP 42)
Order No. 2550.03.022
► USB data cable, connection 38xx - PC, cable length 2 m, (IP 67)
Order No. 2550.03.011
► Interface module Ethernet incl. RJ45 socket, keyboard wedge (cable 2550.03.022 still required) + Connection module serial interface installed (IP 42), Order No. 2563.50.001
► Interface module Ethernet with 10 m patch cable + connection module serial interface installed (IP 67), Order No. 2563.50.002
► Extension module for serial interface installed (IP 42 / IP 67), Order No.: 2558.06.001
► RS 232 interface 5-pin installed, order no.: 2563.21.007
(Module 2563.50.00x / 2558.06.001 necessary)
► Bluetooth® interface installed, order no.: 2563.12.002
(Module 2563.50.00x / 2558.06.001 necessary)
► WLAN module installed, order no.: 2563.10.011
(Module 2563.50.00x / 2558.06.001 necessary)
► Battery incl. charging circuit for mains-free operation installed, operating time: approx. 50 hours (depending on settings), Order No.: 2557.40.005
► UK power adapter, Order No.: 2557.25.002
► US power adapter, Order No.: 2557.25.004

Please find other accessories and IT interface options on page 31 and in chapters 12 - 15

CE | IP 42 | IP 67 | Stainless steel | PSU | Recha/Batt | VR | TQM

RS 232 | industrial ETHER NET | Bluetooth | WLAN | Recha. Batt

Optional

Order No. IP 42	Order No. IP 67	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time Week
Size 1, not approvable						
9960.03.040		Powder-coated	310 x 275 x 75	**15**	0,5	1
	9960.13.140	Stainless steel	310 x 275 x 75	**15**	0,5	1
Size 2, not approvable						
9961.03.040		Powder-coated	400 x 300 x 75	**15**	0,5	1
9961.04.040		Powder-coated	400 x 300 x 75	**32**	1	1
	9961.13.140	Stainless steel	400 x 300 x 75	**15**	0,5	1
	9961.14.140	Stainless steel	400 x 300 x 75	**32**	1	1
Size 3, not approvable						
9962.05.040		Powder-coated	520 x 400 x 100	**60**	2	1
	9962.15.140	Stainless steel	520 x 400 x 125	**60**	2	1
Size 4, not approvable						
9963.06.040		Powder-coated	660 x 550 x 135	**150**	5	1
	9963.16.140	Stainless steel	660 x 550 x 135	**150**	5	1

Different models and dimensions available on request.

3

Stand scale 797x

For professional use

Stand scale size 3

Power supply and USB interface IP 67

Clear height

Battery compartment

Features

▶ Approvable two or three-range scale (accuracy class III) and high-resolution single-range scale, not approvable
▶ Display at eye level, weighed goods do not conceal display
▶ Compact unit, portable
▶ Fast and stable standstill behaviour (filter type 3)
▶ 10-key operation with freely assignable F key
▶ Backlit LC display, character height: 25 mm
▶ Rechargeable battery operation and extra low-profile design facilitate flexible use in different locations
▶ Integrated USB interface type B (virtual serial interface)
▶ Functions: Weighing, taring, plus/minus weighing, counting (with reference weight optimisation and add mode), count check, checkweighing, totalising/ commissioning, percentage weighing, add-weighing, neutral measuring, hold, auto-tare, user filter setting, print/EDP with variable print layout, GLP report
▶ Recommended minimum reference weight for counting parts: 3 divisions
▶ Pass/fail control function with beeper and visual indicator
Optional: external control light (Order No.: 2551.04.001 or 2551.50.006)
▶ Optional: Price computing software for price labelling
▶ Realtime clock with date
▶ For not approvable version: Internal user calibration for location adjustment and changeover of weight unit from kg to lb
▶ Weighing platform: Stainless steel 1.4301,
Base frame: Stainless steel 1.4301 or powder-coated steel,
Terminal housing: Plastic
▶ Mains operation: 100 – 240 V / 50 – 60 Hz
UK or US adapter, see accessories
Battery operation (6x AA batteries) or optional rechargeable battery operation with battery pack and charging circuit (battery life approx. 50 hrs. , depending on settings)
▶ Additional slots for optional interfaces, such as Ethernet, WLAN / Bluetooth® with antenna, USB - Interface for RS232 - printer | EDP | large/secondary display
▶ Scale leveling up to 10 mm with 4 adjustable feet and spirit level
▶ Protection class IP 42, IP 65 or IP 67 (stainless steel base frame)
High protection class IP 65 / IP 67 for protection against dust and splash water

▶ Nominal operating temperature: -10 °C to 40 °C
▶ Clear height: upper edge of weighing platform to lower edge of terminal, depending on model 336-390 mm
▶ Scale dimensions / scale weight:
310 x 395 x 569 mm, 8 kg
400 x 420 x 569 mm, 10 kg
520 x 460 x 569 mm, 12 kg (Powder-coated) 15 kg (Stainless steel)
660 x 655 x 569 mm, 23 kg (Powder-coated) 25 kg (Stainless steel)

Options

All interfaces have factory-preset print images and EDP data records for direct data output and data communication. These can also be individually adapted via the service programme 25641.10.001:
▶ USB data cable 3 m with 2 plugs A-plug, B-plug, (IP 42)
Order No. 2550.03.022
▶ USB data cable, connection 38xx - PC, cable length 2 m, (IP 67)
Order No. 2550.03.011
▶ Interface module Ethernet incl. RJ45 socket, keyboard wedge (cable 2550.03.022 necessary) + Connection module serial interface mounted (IP 42), Order No. 2563.50.0011
▶ Interface module Ethernet with 10 m patch cable + connection module serial interface mounted (IP 67), Order No. 2563.50.002
▶ Extension module for serial interface mounted (IP 42 / IP 67), Order No.: 2558.06.001
▶ RS 232 interface 5-pin mounted, Order No.: 2563.21.007 (Module 2563.50.00x / 2558.06.001 necessary)
▶ Bluetooth® interface mounted, Order No.: 2563.12.002 (Module 2563.50.00x / 2558.06.001 necessary)
▶ WLAN module mounted, Order No.: 2563.10.011 (Module 2563.50.00x / 2558.06.001 necessary)
▶ Alibi memory installed, Order No.: 2792.40.002
▶ Battery incl. charging circuit mounted for mains-free operation, operating time: approx. 50 hours (depending on settings), Order No.: 2557.40.005

Please find other accessories and IT interface options on page 31 and in chapters 12 - 15

Optional

Order No. IP 42	Order No. IP 67	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time Week
Size 1, approvable						
7970.03.010		Powder-coated	310 x 275 x 75	6 | **15**	2 | 5	1
	7970.13.110	Stainless steel	310 x 275 x 75	6 | **15**	2 | 5	1
Size 2, approvable						
7971.03.010		Powder-coated	400 x 300 x 75	6 | **15**	2 | 5	1
7971.05.010		Powder-coated	400 x 300 x 75	30 | **60**	10 | 20	1
	7971.13.110	Stainless steel	400 x 300 x 75	6 | **15**	2 | 5	1
Size 3, approvable						
7972.05.010		Powder-coated	520 x 400 x 100	30 | **60**	10 | 20	1
	7972.15.110	Stainless steel	520 x 400 x 125	30 | **60**	10 | 20	1
Size 4, approvable						
7973.06.010		Powder-coated	660 x 550 x 135	60 | **150**	20 | 50	1
	7973.16.110	Stainless steel	660 x 550 x 135	60 | **150**	20 | 50	1

Different models and dimensions available on request.

3

kg Counting
lb
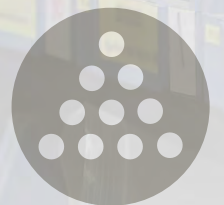Inventory scales

energy efficient
Reference scale precise
high resolution
Versatile
Quantity scale
KG mobile
Weight optimisation

4. Counting scales

Fast and accurate counting with weighing technology

Counting scales have the ability to count parts of equal weight using a known or calculated unit weight. By placing partial quantities, the counting accuracy can be optimized with the reference optimization feature and the add mode. If you know the weight of the smallest part and the weight of the largest counted quantity you need to count, then we have exactly the right counting scale for your counting needs, ranging from mobile compact counting scales – which are also popular for inventory purposes – to counting systems, where several scales are connected to one display unit.

9221
Counting scale

917x
Counting scale system

5803
Counting scale system

SC
Counting and control scale

Counting scale 9221

The mobile counting and inventory scale

Features

► Large database with 1,000 memory locations for article number, reference weight, tare weight
► Fast article access with 5 shortcut keys
► Ideally suited as inventory scale
► USB interface for PC connection, incl. 3 m data cable
► 3 backlit LC displays, character height: 19 mm
► Plug-in power supply 9 V
► Integrated lead-gel rechargeable battery 6 V for approx. 100 hours of operating time
► Dimensions: 370 x 360 x 130 mm
► Scale scale weight: 5 kg
► Protection class IP 54
► PLU management software included (System requirements: ® 7/8/10)

Order No.	Platform size	Maximum load	Division	For counting parts from	Delivery time
	mm	kg	g	g	from
9221.10.001	360 x 240 x 130	**6**	0,2	0,6	LAG
9221.11.001	360 x 240 x 130	**15**	0,5	1,5	LAG
9221.08.001	360 x 240 x 130	**45**	1	3	LAG

Counting scale system 971x

Versatile, mobile and precise

MADE IN GERMANY

Printer optional
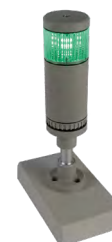
Control light optional

Features

▶ High-resolution single-range scale, not approvable

▶ Fast and stable standstill behaviour (filter type 3)

▶ 10-key operation with freely assignable F key

▶ Backlit LC display, character height: 25 mm

▶ Rechargeable battery operation and extra low-profile design facilitate flexible use in different locations

▶ Integrated USB interface type B (virtual serial interface)

▶ Functions: Weighing, taring, counting, plus/minus weighing, piece check / piece totalisation, reference weight optimisation. Further functions according to compact scales 717x, 917x, see page 14

▶ The automatic reference weight optimization feature iteratively improves the average value of the part weight, thus resulting in improved counted quantity determination

▶ The add mode leads to a more accurate count quantity determination by the terminal checking whether the total weight of the placed reference parts is less than the set minimum reference weight

▶ Pass/fail control function with beeper and visual indicator
Optional: external control light (Order No.: 2551.04.001 or 2551.50.006)

▶ Realtime clock with date

▶ Internal user calibration for location adjustment and weight unit changeover from kg to lb

▶ Mains operation: 100 – 240 V / 50 – 60 Hz
UK or US adapter, see accessories
Battery operation (6x AA batteries) or optional rechargeable battery operation with battery pack and charging circuit (battery life approx. 50 hrs., depending on settings)

▶ Additional slots for optional interfaces, such as Ethernet, WLAN / Bluetooth® with antenna, USB - Interface for RS232 - printer | EDP | large/secondary display

▶ Weighing platform: Stainless steel 1.4301,
Base frame: Powder-coated steel
terminal housing: Plastic

▶ Scale leveling up to 10 mm with 4 adjustable feet and spirit level

▶ Nominal operating temperature: -10 °C to 40 °C

▶ Scale dimensions / scale weight:
310 x 375 x 75 mm, 6 kg
400 x 400 x 75 mm, 8 kg
520 x 500 x 100 mm, 11 kg

Options

For additional options such as control lights, interfaces, printers and data cables, see Accessories for compact scales on page 17.

Order No. IP 42	Order No. IP 65	Platform size mm	Maximum load kg	Division g	For counting parts from g	Delivery time Week
9170.01.040	9170.01.140	310 x 275 x 75	**3**	0,1	0,3	1
9170.02.040	9170.02.140	310 x 275 x 75	**6**	0,2	0,6	1
9170.03.040	9170.03.140	310 x 275 x 75	**15**	0,5	1,5	1
9170.04.040	9170.04.140	310 x 275 x 75	**32**	1	3	1
9171.02.040	9171.02.140	400 x 300 x 75	**6**	0,2	0,6	1
9171.03.040	9171.03.140	400 x 300 x 75	**15**	0,5	1,5	1
9171.04.040	9171.04.140	400 x 300 x 75	**32**	1	3	1
9171.05.040	9171.05.140	400 x 300 x 75	**60**	2	6	1
9172.04.040	9172.04.140	520 x 400 x 100	**32**	1	3	1
9172.05.040	9172.05.140	520 x 400 x 100	**60**	2	6	1

Different models and dimensions available on request.

Counting scale system 5803

For professional counting applications

Scanner optional

Printer optional

Control light optional

User software for PLU optional
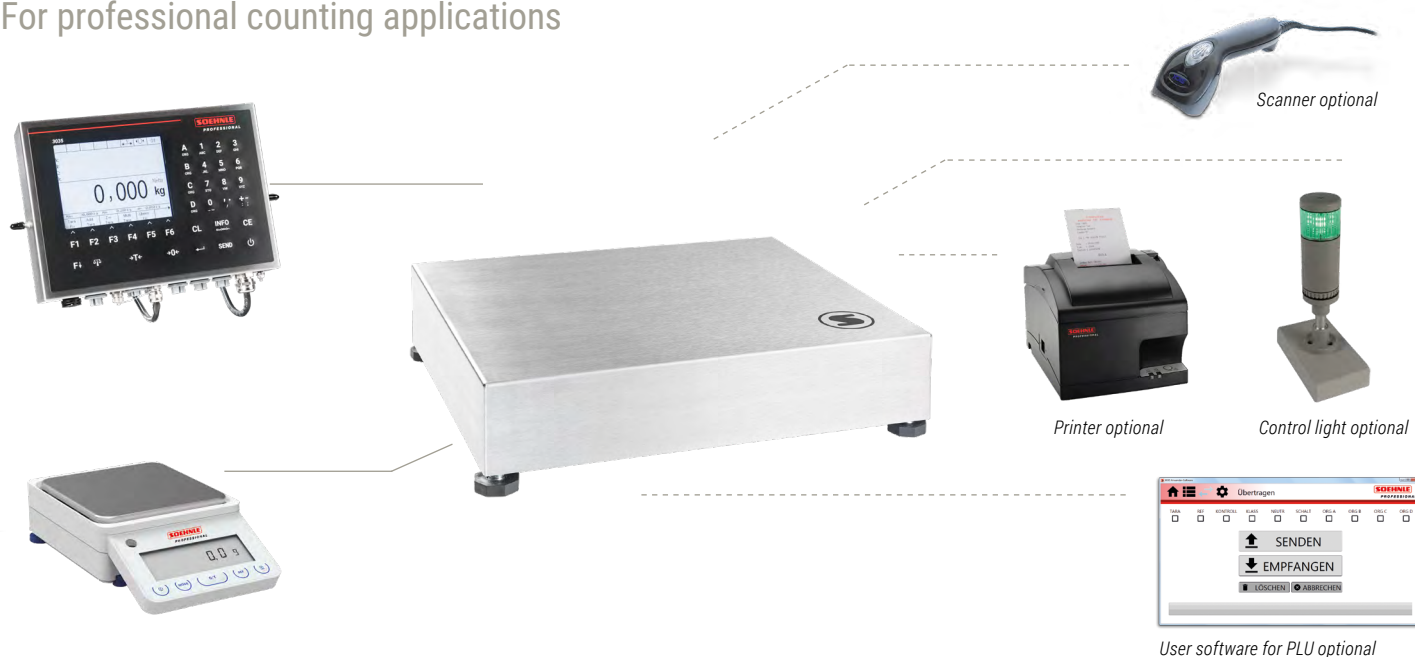
Features

Terminal 3035

- ▶ Protection class IP 67
- ▶ Backlit LC display, optional: wall/stand bracket 2503.30.008, table stand 2503.30.004
- ▶ Functions: Weighing , taring, count check / count totaling, totaling / order picking, counting, checking, and more
- ▶ 4 organization data memories, e.g. for article number, customer number, or order number
- ▶ Option: Micro SD card 2792.40.003
- ▶ Database with 999 article memory locations for article number, article description, reference weight, target count, and tolerance
- ▶ 32 keys, alphanumeric data entry
- ▶ Barcode management (input and output of barcodes)
- ▶ Standard configuration includes serial RS 232 interface
- ▶ Realtime clock with date
- ▶ The automatic reference weight optimization feature iteratively improves the average value of the part weight, thus resulting in improved counted quantity determination
- ▶ The add mode leads to a more accurate count quantity determination by the terminal checking whether the total weight of the placed reference parts is less than the set minimum reference weight

Reference scale 2873

- ▶ Aluminum diecast housing
- ▶ Full automated self-calibration, programmable with a 24-hour cycle or when temperature changes occur (SCS)
- ▶ Stabilization time: 1 to 1.5 seconds
- ▶ Dimensions: 228 x 381 x 90 mm

Quantity scale 2892

- ▶ High-resolution single-range scale
- ▶ Powder-coated steel design in extra low-profile modular construction
- ▶ Minimal settling time due to high bending strength of the substructure Made of powder-coated square tubular steel profile
- ▶ Strain-gauge load cell made from aluminum alloy
- ▶ Protection class IP 65
- ▶ Mechanical overload safety to protect the load cell
- ▶ Measurement cable length: 2,5 m
- ▶ Dimensions: 520 x 400 x 100 mm
- ▶ Scale leveling up to 10 mm with 4 adjustable feet
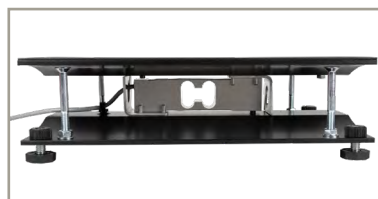- ▶ Operating temperature: -10 °C to + 40 °C

Options

- ▶ 2 additional serial RS 232 interfaces installed
- ▶ Ethernet interface installed
- ▶ USB interface installed
- ▶ Control light
- ▶ Data cable
- ▶ Printer
- ▶ Barcode scanner
- ▶ Alibi memory for database, 999 memory locations
- ▶ Application software, Order No.: 2564.12.002

See accessories for terminal 3035 on pages 97 - 99 for additional options

Order No.	Configuration	Maximum load kg	Division g	For counting parts from g	Delivery time Week
5803.01.001	Terminal 3035.01.001 Quantity scale 2892.25.040 Reference scale 2873.80.001	**60,000** **6,200**	2 0,1	6 0,3	1

Different models and dimensions available on request.

sc Counting and control scale

High-resolution for high accuracy requirements

NEW

Precision scales optional

Weighing platform 5816

Printer optional

Portable wireless scanner optional

Features
Weighing platforms
- High resolution up to 75,000 d
- Robust construction with solid overload protection
- Fast and stable weighing even in unstable environments
- High accuracy and repeatability thanks to specially calibrated load cells Weighing bridge made of aluminium, weighing platform made of stainless steel 1.4301
- Aluminium alloy strain gauge load cell
- Measuring cable length: 2.5 m
- Scale levelling up to 10 mm via 4 adjustable feet and spirit level
- Operating temperature: -10 °C to + 40 °C

- Innovative design
- Low weight thanks to extruded aluminium profile
- Mechanical overload protection to protect the load cell
- Minimal settling time thanks to high bending strength of the weighing bridge
- The wide range of model variants opens up numerous possibilities for use in various application areas
- Hygienic design prevents contamination and protects against the ingress of impurities

Further information: Flyer

Terminals
- Terminal 3820: Mobile use thanks to battery operation
- Terminal 3010: Terminal in stainless steel housing, robust with 10 large keys, visual control function, integrated power supply
- Terminal 3025: Terminal in stainless steel housing, robust with 32 keys for entering alphanumeric values, various user programs and interface options
- Terminal 3035: Terminal in stainless steel housing, robust with 32 keys for entering alphanumeric values, extensive user programs and interface options

Options
- Precision scales 2873 as additional reference scales
- Choice of handheld scanner or wireless scanner
- Printer (choice of strip or label printer)
- PC user program 2564.12.002
- 2nd measuring point (quantity scale), 2554.10.005

Order No.	Terminal	Platform size	Protection class	Maximum load	Division	Reproducibility	Linearity +/-	For counting parts from	Delivery time
		mm	IP	kg	g	g	g	g	Week
5816.02.101	3820	360 x 258 x 100	42	**7,5**	0,1	0,2	0,2	0,3	2–3
5816.03.101	3820	360 x 258 x 100	42	**15**	0,2	0,4	0,4	0,6	2–3
5816.04.101	3820	360 x 258 x 100	42	**35**	0,5	1,0	1,0	1,5	2–3
5816.02.102	3010	360 x 258 x 100	67	**7,5**	0,1	0,2	0,2	0,3	2–3
5816.03.102	3010	360 x 258 x 100	67	**15**	0,2	0,4	0,4	0,6	2–3
5816.04.102	3010	360 x 258 x 100	67	**35**	0,5	1,0	1,0	1,5	2–3
5816.02.103	3025	360 x 258 x 100	65	**7,5**	0,1	0,2	0,2	0,3	2–3
5816.03.103	3025	360 x 258 x 100	65	**15**	0,2	0,4	0,4	0,6	2–3
5816.04.103	3025	360 x 258 x 100	65	**35**	0,5	1,0	1,0	1,5	2–3
5816.02.104	3035	360 x 258 x 100	65	**7,5**	0,1	0,2	0,2	0,3	2–3
5816.03.104	3035	360 x 258 x 100	65	**15**	0,2	0,4	0,4	0,6	2–3
5816.04.104	3035	360 x 258 x 100	65	**35**	0,5	1,0	1,0	1,5	2–3

5. Precision scales

For small parts and as a reference scale

programmable
percentage weighing
Reference scale
Unit weight determination

fully automatic
self-calibration

dynamic weighing

Precision scale 2873

For accurate piece weight determination

NEW

with windscreen

Features

▶ Backlit LC display, 5-key operation

▶ Robust die-cast aluminium housing, the upper part is made of fibreglass-reinforced and durable plastic

▶ Fully automatic self-calibration, programmable within a 24-hour cycle or when a temperature change occurs (SCS)

▶ Functions: Piece counting, percentage weighing, net total programme (adding up, totalling, dosing), dynamic weighing at unstable locations, animal weighing, check and reference weighing, density determination, various measuring units, automatic reproducibility test (ART)

▶ Clock with date and time for printout according to GLP or calibration

warning system

▶ Stabilisation time: 1.5 seconds

▶ USB device / human interface device

▶ RS 232 for terminal connection 3025/3035 or PC and printer

▶ V24 bidirectional interfaces

▶ Storage of data on a USB stick

▶ Nominal operating temperature 5 °C to 40 °C

▶ Dimensions: 2873.60/65: 200 x 325 x 136 mm [W x D x H], 2873.70/75, 2873.80/85: 200 x 325 x 91 mm [W x D x H]

▶ Power supply unit included: 100 V-240 V AC-18 VA, 50-60 Hz

Order No.:	Platform size	Maximum load	Division		Delivery time
	mm	g	g (d)	g (e)	Week
Not approvable					
2873.60.001	Ø 120	**620**	0,001		1
2873.70.001	186 x 186	**3.200**	0,01		1
2873.80.001	186 x 186	**6.200**	0,1		1
Conformity assessed					
2873.65.001	Ø 120	**620**	0,001	0,01	4
2873.75.001	186 x 186	**3.200**	0,01	0,1	4
2873.85.001	186 x 186	**6.200**	0,1	1	4

Accessories

Order No.	Configuration
2550.03.010	Cable for connection to terminal 3025/3035 (connection via RS 232)

37,4   kg

What does your weighing task look like?

Combine individually according to your requirements

MADE IN
GERMANY

Step 1
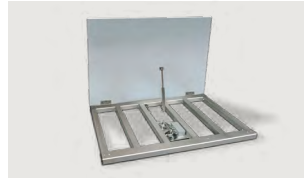
Weighing platforms
Select from our range of weighing bridges the load support material, platform size, weighing ranges and digit increments you require for your application.
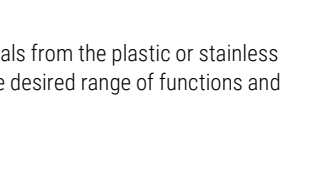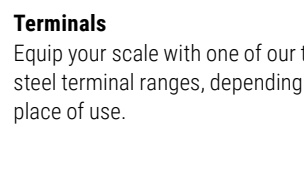*(Details can be found on the following pages)*

Step 2

Stand, table or wall bracket
Decide whether you need your scale as a table or stand scale and accordingly order the table and wall bracket or the stand from our accessories.

Step 3

Terminals
Equip your scale with one of our terminals from the plastic or stainless steel terminal ranges, depending on the desired range of functions and place of use.

Please refer to the respective interface options and accessories to optimally integrate your weighing technology into the respective process.

Your own personal scales: Design your scales - according to your needs!
If you require individual dimensions, weighing ranges and digit steps for the realisation of your weighing system, then call us directly.
Soehnle Industrial Solutions: +49 7191 / 34 53-220. We look forward to your call.

6. Weighing platform

Suitable for your applications

Basic
Weighing platform

▶ Powder-coated steel construction in extra flat modular design
▶ Weighing platform made of stainless steel 1.4301
▶ Dust and splash water protection for good cleaning and hygiene
▶ Aluminium alloy strain gauge load cell, protection class IP 65
▶ Three-range scale with stainless steel load cell, protection class IP 68/69 K
▶ Weighing ranges: 3 - 300 kg
▶ Available in 5 standard sizes

Versions for standard and stainless steel
▶ Three-range scales (3 x 3,000 e) - legal for trade, accuracy class III
▶ Two-range scales (2 x 3,000 e) - legal for trade, accuracy class III
▶ Single-range scales (1 x 30,000 d) - high-resolution, non-approvable

Stainless steel
Weighing platform

▶ Robust stainless steel construction in extra flat modular design
▶ Weighing platform made of stainless steel 1.4301
▶ Excellent moisture and corrosion protection for extreme applications
▶ Three-range scale with stainless steel load cell, protection class IP 68/69 K
▶ Weighing ranges: 3 - 300 kg
▶ Available in 5 standard sizes

Weighing platform 2889

For small parts and as a reference scale

Features
▶ Construction with a strain gauge load cell made of aluminium
▶ Protection class IP 65
▶ Mechanical overload protection to protect the load cell
▶ Platform made of stainless steel 1.4301
▶ Substructure made of aluminium
▶ Height-adjustable feet and level
▶ Measuring cable length 3 m
▶ Dimensions: 160 x 160 x 80 mm
▶ Can be combined with all approvable Soehnle Professional terminals

Order No.	Platform size mm	Maximum load kg	Division g	Ex 2/22 2540.01.	Delivery time Week
Approvable					
2889.20.010	160 x 160 x 80	0,6 | **1,5**	0,2 | 0,5	.016*	1

Optional

Weighing platforms standard

For unsiversal use

NEW

MADE IN **GERMANY**

Weighing platform size 1

Weighing platform size 1 and 2

Weighing platform size 3, 4 and 5

Features

▶ Approvable dual- or triple-range scales (accuracy class III) and high-resolution Single range scale not approvable
▶ Can be combined with all Soehnle Professional terminals and A/D converters (page 101) (A/D converter see page 101, possible from weighing bridge size 2)
▶ Powder-coated steel construction in extra-flat modular design
▶ Weighing platform made of stainless steel 1.4301, removable for easy cleaning
▶ Strain gauge load cell made of aluminium alloy, three-range scale: load cell made of stainless steel
▶ Protection class IP 65 or IP 68/69 K (suitable for high-pressure cleaning)
▶ Mechanical overload protection to protect the load cell
▶ Measuring cable length: 2.5 m
▶ Platform sizes: From 310 x 275 mm to 800 x 600 mm
▶ Scale levelling up to 10 mm via 4 adjustable feet and spirit leve
▶ Nominal operating temperature: -10 °C to +40 °C

Options

▶ Table stand pluggable for 2860-61 and 2892-93 (400 mm high) stainless steel, for terminals 38xx Order No.: 2504.08.006,
▶ Table stand pluggable for 2860-61 and 2892-93 (400 mm high) stainless steel, for terminals 30xx Order No.: 2504.08.006,
▶ Cable extension 10 m (for 2860), order no.: 2602.01.029,
▶ Cable extension 10 m (for 2861), order no.: 2602.01.018,
▶ Cable extension 10 m (for 2892-94), order no.: 2602.01.026,
▶ Stainless steel base frame for 2894, dimensions 800 x 600 x 700 mm, order no.: 2502.02.007
▶ Bracket/stand for base frame for 2894, order no.: 2502.02.019
▶ Mobile base frame, stainless steel, for 2892/2893, order no.: 2502.02.020
▶ Bracket/stand for base frame for 2892/2893, order no.: 2502.02.018
▶ ATEX-Zone 2/22 version see table on page 59
▶ Plug-in roller conveyor see accessories weighing bridges page 69

CE · Class III · M · IP 65 · IP 68/69K · Stainless steel · S TQM · Ex

Optional

Order No.	Platform size mm	Protection class IP	Maximum load kg	Division g	ATEx 2/22 2540.01.	Delivery time Week
Size 1, approvable						
2860.01.010	310 x 275 x 75	65	1,5 | **3**	0,5 | 1	.002*	1
2860.02.010	310 x 275 x 75	65	3 | **6**	1 | 2	.002*	1
2860.03.010	310 x 275 x 75	65	6 | **15**	2 | 5	.018*	1
2860.03.020	310 x 275 x 75	68 | 69 K	3 | 6 | **15**	1 | 2 | 5		1
2860.04.010	310 x 275 x 75	65	20 | **35**	5 | 10		1
2860.04.020	310 x 275 x 75	68 | 69 K	6 | 15 | **30**	2 | 5 | 10		1
Not approvable						
2860.01.040	310 x 275 x 75	65	**3**	0,1	.013*	1
2860.02.040	310 x 275 x 75	65	**6**	0,2	.014*	1
2860.03.040	310 x 275 x 75	65	**15**	0,5	.018*	1
2860.04.040	310 x 275 x 75	65	**32**	1	.019*	1
Size 2, approvable						
2861.02.010	400 x 300 x 75	65	3 | **6**	1 | 2	.002*	1
2861.03.010	400 x 300 x 75	65	6 | **15**	2 | 5		1
2861.04.010	400 x 300 x 75	65	20 | **35**	5 | 10		1
2861.04.020	400 x 300 x 75	68 | 69 K	6 | 15 | **30**	2 | 5 | 10		1
2861.05.010	400 x 300 x 75	65	30 | **60**	10 | 20	.020*	1
Not approvable						
2861.02.040	400 x 300 x 75	65	**6**	0,2	014*	1
2861.03.040	400 x 300 x 75	65	**15**	0,5	.018*	1
2861.04.040	400 x 300 x 75	65	**32**	1	.019*	1
2861.05.040	400 x 300 x 75	65	**60**	2	.020*	1
Size 3, approvable						
2892.24.010	520 x 400 x 100	65	15 | **30**	5 | 10	.002*	1
2892.25.010	520 x 400 x 100	65	30 | **60**	10 | 20	.002*	1
2892.26.010	520 x 400 x 100	65	60 | **150**	20 | 50	.002*	1
Not approvable						
2892.24.040	520 x 400 x 100	65	**32**	1	.002*	1
2892.25.040	520 x 400 x 100	65	**60**	2	.002*	1
2892.26.040	520 x 400 x 100	65	**150**	5	.002*	1
Size 4, approvable						
2893.25.010	660 x 550 x 135	65	30 | **60**	10 | 20	.002*	1
2893.25.020	660 x 550 x 135	68 | 69 K	15 | 30 | **60**	5 | 10 | 20	.001*	1
2893.26.010	660 x 550 x 135	65	60 | **150**	20 | 50	.002*	1
2893.26.020	660 x 550 x 135	68 | 69 K	30 | 60 | **150**	10 | 20 | 50	.001*	1
2893.07.010	660 x 550 x 135	65	150 | **300**	50 | 100	.002*	1
Not approvable						
2893.25.040	660 x 550 x 135	65	**60**	2	.002*	1
2893.26.040	660 x 550 x 135	65	**150**	5	.002*	1
2893.07.040	660 x 550 x 135	65	**300**	10	.002*	1
Size 5, approvable						
2894.06.010	800 x 600 x 135	65	60 | **150**	20 | 50	.002*	1
2894.07.010	800 x 600 x 135	65	150 | **300**	50 | 100	.002*	1
Not approvable						
2894.06.040	800 x 600 x 135	65	**150**	5	.002*	1
2894.07.040	800 x 600 x 135	65	**300**	10	.002*	1

Other versions and dimensions available on request.

6

Weighing Platforms stainless steel

For use in food and wet areas

NEW

MADE IN GERMANY

Weighing platform size 1

Weighing platform size 1 and 2

Weighing platform size 3, 4 and 5

Features

▶ Approvable dual- or triple-range scales (accuracy class III) and high-resolution Single range scale not approvable
▶ Can be combined with all Soehnle Professional terminals and A/D converters
   (A/D converter see page 101, possible from weighing bridge size 2)
▶ The stainless steel weighing bridges are extremely robust and provide excellent moisture and corrosion protection for extreme applications
▶ Easy cleaning of the scale meets high hygiene and food standards
▶ Stainless steel construction in extra flat modular design
▶ Weighing platform made of stainless steel 1.4301, removable for easy cleaning
▶ Protection class IP 68/69 K (suitable for high-pressure cleaning)
▶ Stainless steel load cell
▶ Mechanical overload protection to protect the load cell
▶ Measuring cable length: 2.5 m
▶ Platform sizes: From 310 x 275 mm to 800 x 600 mm
▶ Scale levelling up to 10 mm via 4 adjustable feet and spirit level
▶ Nominal operating temperature: -10 °C to +40 °C

Options

▶ Table stand pluggable for 2860-61 and 2892-93 (400 mm high) stainless steel, for terminals 38xx
   Order No.: 2504.08.005,
▶ Table stand pluggable for 2860-61 and 2892-93 (400 mm high) stainless steel, for terminals 30xx
   Order No.: 2504.08.006,
▶ Cable extension 10 m (for 2860), order no.: 2602.01.029,
▶ Cable extension 10 m (for 2861), order no.: 2602.01.018,
▶ Cable extension 10 m (for 2892-94), order no.: 2602.01.026,
▶ Stainless steel base for 2894, dimensions 800 x 600 x 700 mm,
   order no.: 2502.02.007,
▶ Bracket for underframe for 2894, order no.: 2502.02.008,
▶ Underframe mobile, stainless steel, for 2892, order no.: 2502.02.001,
▶ Underframe mobile, stainless steel, for 2893, order no.: 2502.02.010,
▶ Bracket for mobile base, order no.: 2502.02.002,
▶ ATEX-Zone 2/22 version see table on page 61
▶ Plug-in roller conveyor see accessories weighing bridges page 69

CE | Class III | M | IP 68/69K | Stainless steel | TQM | Ex

Optional

Order No.	Platform size mm	Protection class IP	Maximum load kg	Division g	ATEx 2/22 2540.01.	Delivery time Week
Size 1, approvable						
2860.11.010	310 x 275 x 75	68 | 69 K	1,5 | **3**	0,5 | 1		1
2860.12.010	310 x 275 x 75	68 | 69 K	3 | **6**	1 | 2		1
2860.13.010	310 x 275 x 75	68 | 69 K	6 | **15**	2 | 5		1
2860.13.020	310 x 275 x 75	68 | 69 K	3 | 6 | **15**	1 | 2 | 5		1
2860.14.010	310 x 275 x 75	68 | 69 K	15 | **30**	5 | 10		1
2860.14.020	310 x 275 x 75	68 | 69 K	6 | 15 | **30**	2 | 5 | 10		1
Not approvable						
2860.11.040	310 x 275 x 75	68 | 69 K	**3**	0,1		1
2860.12.040	310 x 275 x 75	68 | 69 K	**6**	0,2		1
2860.13.040	310 x 275 x 75	68 | 69 K	**15**	0,5		1
2860.14.040	310 x 275 x 75	68 | 69 K	**32**	1		1
Size 2, approvable						
2861.12.010	400 x 300 x 75	68 | 69 K	3 | **6**	1 | 2		1
2861.13.010	400 x 300 x 75	68 | 69 K	6 | **15**	2 | 5		1
2861.14.010	400 x 300 x 75	68 | 69 K	15 | **30**	5 | 10		1
2861.14.020	400 x 300 x 75	68 | 69 K	6 | 15 | **30**	2 | 5 | 10		1
Not approvable						
2861.12.040	400 x 300 x 75	68 | 69 K	**6**	0,2		1
2861.13.040	400 x 300 x 75	68 | 69 K	**15**	0,5		1
2861.14.040	400 x 300 x 75	68 | 69 K	**32**	1		1
Size 3, approvable						
2892.34.010	520 x 400 x 125	68 | 69 K	15 | **30**	5 | 10	.001*	1
2892.35.010	520 x 400 x 125	68 | 69 K	30 | **60**	10 | 20	.001*	1
2892.35.020	520 x 400 x 125	68 | 69 K	15 | 30 | **60**	5 | 10 | 20	.001*	1
2892.36.010	520 x 400 x 125	68 | 69 K	60 | **150**	20 | 50	.001*	1
2892.36.020	520 x 400 x 125	68 | 69 K	30 | 60 | **150**	10 | 20 | 50	.001*	1
Not approvable						
2892.34.040	520 x 400 x 125	68 | 69 K	**32**	1	.001*	1
2892.35.040	520 x 400 x 125	68 | 69 K	**60**	2	.001*	1
2892.36.040	520 x 400 x 125	68 | 69 K	**150**	5	.001*	1
Size 4, approvable						
2893.35.010	660 x 550 x 135	68 | 69 K	30 | **60**	10 | 20	.001*	1
2893.35.020	660 x 550 x 135	68 | 69 K	15 | 30 | **60**	5 | 10 | 20	.001*	1
2893.36.010	660 x 550 x 135	68 | 69 K	60 | **150**	20 | 50	.001*	1
2893.36.020	660 x 550 x 135	68 | 69 K	30 | 60 | **150**	10 | 20 | 50	.001*	1
2893.17.010	660 x 550 x 135	68 | 69 K	150 | **300**	50 | 100	.001*	1
Not approvable						
2893.35.040	660 x 550 x 135	68 | 69 K	**60**	2	.001*	1
2893.36.040	660 x 550 x 135	68 | 69 K	**150**	5	.001*	1
2893.17.040	660 x 550 x 135	68 | 69 K	**300**	10	.001*	1
Size 5, approvable						
2894.16.010	800 x 600 x 135	68 | 69 K	60 | **150**	20 | 50	.002*	1
2894.17.010	800 x 600 x 135	68 | 69 K	150 | **300**	50 | 100	.002*	1
Not approvable						
2894.16.040	800 x 600 x 135	68 | 69 K	**150**	5	.002*	1
2894.17.040	800 x 600 x 135	68 | 69 K	**300**	10	.002*	1

*ATEX-Zone 2/22 version available from size 3 with the following order numbers: 2540.01.001, 2540.01.002
Other versions and dimensions available on request.

6

energy efficient

Tons

approvable

Overload protection

made in Germany   stainless
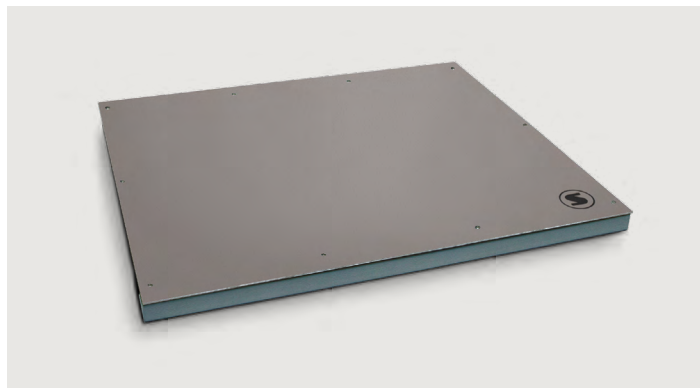
robust   stainless
steel

easy to clean

floor level   foldable

7. Floor scale

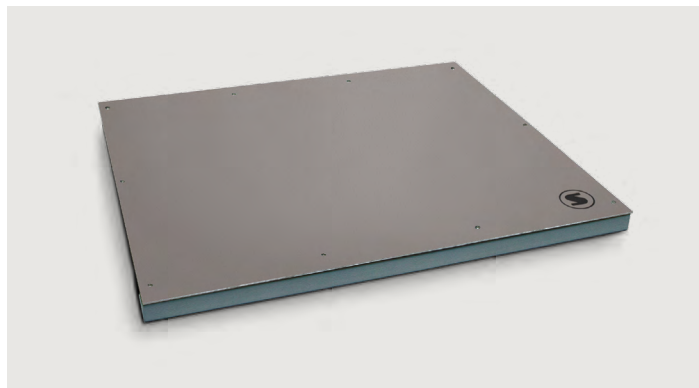For standing or floor-level installation
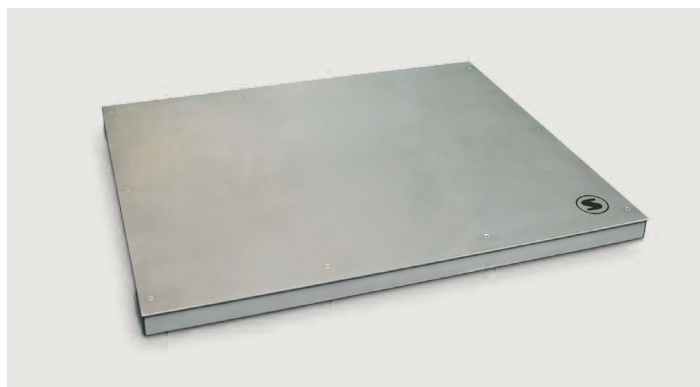
7766, 7783, 2823
Floor scale painted

7786, 2816
Floor scale painted

7787, 2817
Floor scale stainless steel

7788, 2818
Floor scale stainless steel, foldable

7708, 7808
Multifunction scale

Information on the standard load
**Regular load 2**
▶ Load placed in large pieces (by hoist, crane, etc.)
  from three equally sized partial loads
▶ Lowering speed not greater than 2 m/min
▶ Control load 2 includes control load 1

Regular load 3:
▶ Rolling load (e.g. by forklift or vehicle)
▶ Driving speed not greater than 10 km/h
▶ The load consists of 2 partial loads, which are calculated from the load
  capacity (Lim)

Floor scale 7766, 7783, 2823

painted, approvable
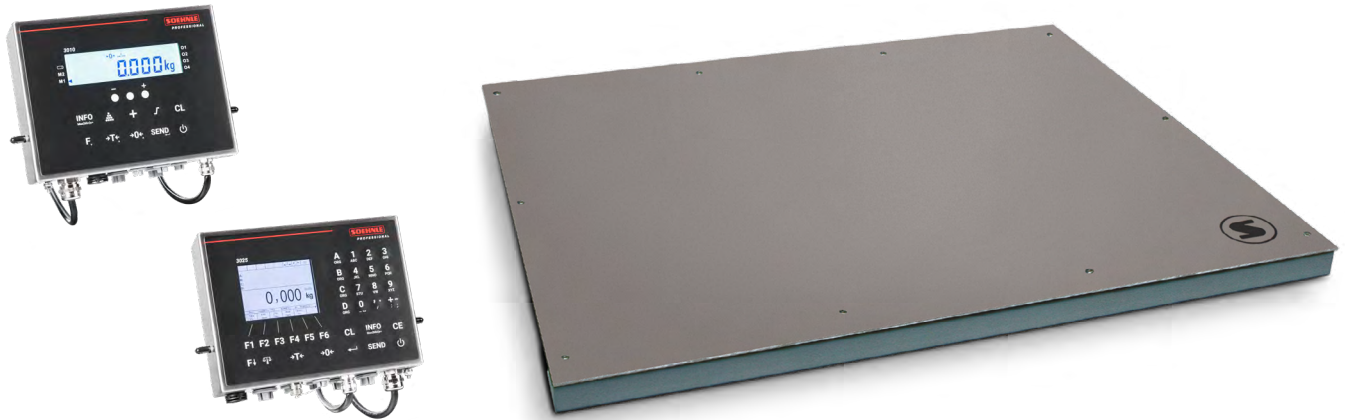
Features

Weighing platform 2823

- ▶ Approvable class III
- ▶ Painted steel weighing platform (RAL 7024)
- ▶ Bolted platform
- ▶ Nickel-plated steel load cell, protection class IP 67
- ▶ Stainless steel terminal box, protection class IP 65
- ▶ Load acceptance according to DIN 8119-4, standard load 2
- ▶ Suitable for installation flush with the floor or for free-standing installation
- ▶ Measuring cable length 6 m (other cable lengths on request)
- ▶ Optionally with plug-in connection to the terminal
- ▶ Can be combined with all approvable Soehnle Professional terminals

Terminals

- ▶ Compact housing made of stainless steel 1.4301, protection class IP 67
- ▶ Integrated power supply 100-240 V, 50 / 60 Hz
- ▶ Optional: wall/stand bracket 2503.30.007, table stand 2503.30.004

Accessories Terminal 3010 and 3025 see page 97 - 99

Basic terminal 3010.02.002

- ▶ Backlit LC display, digit height 16 mm
- ▶ Three LED red / yellow / green as indicator lights
- ▶ Simple operation via 10 keys

- ▶ Functions: Weighing and taring, counting, totalising, picking, withdrawal weighing, dynamic switching, checking, piece control, dosing.
- ▶ Up to 3 interface slots for options such as RS232, USB, Ethernet.
- ▶ Slot for Profibus or Profinet and I/O card.

Terminal 3025.01.001

- ▶ Easy-to-read 3.5" TFT colour display (QVGA 320 x 240 pixels)
- ▶ Adjustable background colour, dimmable
- ▶ Control function as traffic light
- ▶ Digit height 11 mm
- ▶ Convenient operation via membrane keypad with 10 keys for alphanumeric input, e.g. tare hand
- ▶ 5 user programs: Weighing and taring, totalising and order-picking, counting and piece control, checking, dynamic switching
- ▶ 4 organisational data memories, e.g. for item, customer or delivery note numbers
- ▶ Barcode management with filtering and multiscan function
- ▶ RS232 interface as standard
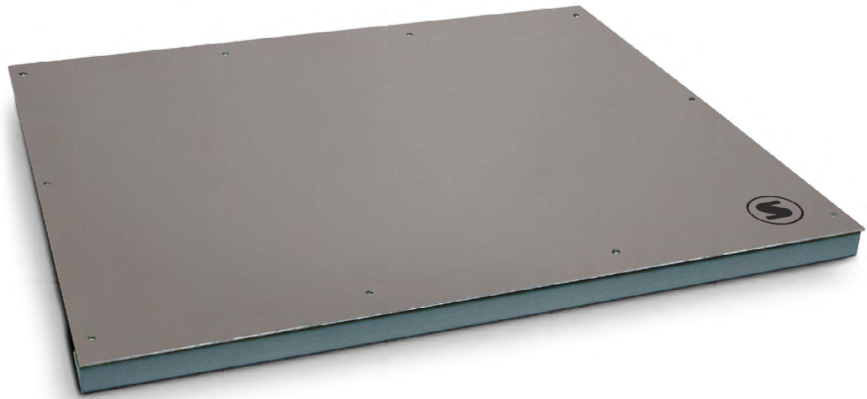- ▶ Internally prepared for USB connection, Ethernet interface and two additional serial slots

Order No.	Configuration	Platform size	Maximum load	Division	Load capacity	Delivery time
		mm	kg	g	kg	Week
Approvable						
7766.22.001	With 3010	1.500 x 1.250 x 80	300 | **600**	100 | 200	3.500	1
7766.23.001	With 3010	1.500 x 1.250 x 80	600 | **1.500**	200 | 500	3.500	1
7766.24.001	With 3010	1.500 x 1.250 x 80	1.500 | **3.000**	500 | 1.000	3.500	1
7783.22.001	With 3025	1.500 x 1.250 x 80	300 | **600**	100 | 200	3.500	1
7783.23.001	With 3025	1.500 x 1.250 x 80	600 | **1.500**	200 | 500	3.500	1
7783.24.001	With 3025	1.500 x 1.250 x 80	1.500 | **3.000**	500 | 1.000	3.500	1
2823.22.001	Weighing platform	1.500 x 1.250 x 80	300 | **600**	100 | 200	3.500	1
2823.23.001	Weighing platform	1.500 x 1.250 x 80	600 | **1.500**	200 | 500	3.500	1
2823.24.001	Weighing platform	1.500 x 1.250 x 80	1.500 | **3.000**	500 | 1.000	3.500	1

For further accessories see page 72 / 73

Floor scale 7786, 2816

painted, approvable, robust

Features

▶ Approvable class III
▶ Painted steel weighing platform (RAL 7024)
▶ Bolted platform
▶ Nickel-plated steel load cell, protection class IP 67
▶ Stainless steel terminal box, protection class IP 65
▶ Load acceptance according to DIN 8119-4, standard load 3

▶ High overload protection and maintenance-free construction
▶ Suitable for installation flush with the floor or for free-standing installation
▶ Measuring cable length 6 m (other cable lengths on request)
▶ Optionally with plug-in connection to the terminal
▶ Can be combined with all approvable Soehnle Professional terminals
▶ * With terminal 3025 (alphanumeric keypad), optional: wall bracket

Order No.	Platform size mm	Maximum load kg	Division g	Load capacity kg	ATEX 2/22 2540.01.	Delivery time Week
Approvable						
7786.01.001*	1.000 x 800 x 80	150 | **300**	50 | 100	1.500		2–3
7786.02.001*	1.000 x 800 x 80	300 | **600**	100 | 200	1.500		2–3
7786.12.001*	1.250 x 1.000 x 80	300 | **600**	100 | 200	3.500		2–3
7786.13.001*	1.250 x 1.000 x 80	600 | **1.500**	200 | 500	3.500		2–3
7786.14.001*	1.250 x 1.000 x 80	1.500 | **3.000**	500 | 1.000	3.500		2–3
7786.22.001*	1.500 x 1.250 x 80	300 | **600**	100 | 200	3.500		2–3
7786.23.001*	1.500 x 1.250 x 80	600 | **1.500**	200 | 500	3.500		2–3
7786.24.001*	1.500 x 1.250 x 80	1.500 | **3.000**	500 | 1.000	3.500		2–3
2816.01.001	1.000 x 800 x 80	150 | **300**	50 | 100	1.500	.006**	2–3
2816.02.001	1.000 x 800 x 80	300 | **600**	100 | 200	1.500	.006**	2–3
2816.12.001	1.250 x 1.000 x 80	300 | **600**	100 | 200	3.500	.006**	2–3
2816.13.001	1.250 x 1.000 x 80	600 | **1.500**	200 | 500	3.500	.006**	2–3
2816.14.001	1.250 x 1.000 x 80	1.500 | **3.000**	500 | 1.000	3.500	.006**	2–3
2816.22.001	1.500 x 1.250 x 80	300 | **600**	100 | 200	3.500	.006**	2–3
2816.23.001	1.500 x 1.250 x 80	600 | **1.500**	200 | 500	3.500	.006**	2–3
2816.24.001	1.500 x 1.250 x 80	1.500 | **3.000**	500 | 1.000	3.500	.006**	2–3
2816.72.001	1.500 x 1.500 x 80	300 | **600**	100 | 200	3.500	.006**	2–3
2816.73.001	1.500 x 1.500 x 80	600 | **1.500**	200 | 500	3.500	.006**	2–3
2816.74.001	1.500 x 1.500 x 80	1.500 | **3.000**	500 | 1.000	3.500	.006**	2–3
2816.33.001	2.000 x 1.500 x 100	600 | **1.500**	200 | 500	3.500	.006**	2–3
2816.34.001	2.000 x 1.500 x 100	1.500 | **3.000**	500 | 1.000	3.500	.006**	2–3
2816.54.001	2.000 x 1.500 x 130	1.500 | **3.000**	500 | 1.000	7.500	.006**	4
2816.56.001	2.000 x 1.500 x 130	3.000 | **6.000**	1.000 | 2.000	7.500	.006**	4

** Version ATEX-Zone 2/22 available with the following order numbers: 2540.01.006 Versions with Flintec load cells possible, price and details on request.
Other weighing ranges and dimensions available on request. For further accessories see page 68 - 69

CE   Class III   M   IP 65   TQM   Ex

Optional

7

Floor scale 7787, 2817

Stainless steel, approvable, for chemical, pharmaceutical, and food-processing applications

MADE IN GERMANY

Features

- ▶ Approvable class III
- ▶ Weighing platform made of stainless steel 1.4301, with eccentric grinding
- ▶ Bolted platform
- ▶ Stainless steel load cells, protection class IP 68
- ▶ Connection box made of stainless steel 1.4404
- ▶ Terminal box protection class IP 65 (protection class can be increased to IP 68 with potted terminal box, see accessories p. 69)

- ▶ Load acceptance according to DIN 8119-4, standard load 3
- ▶ High overload protection and maintenance-free construction
- ▶ Suitable for installation flush with the floor or for free-standing installation
- ▶ Measuring cable length 6 m (other cable lengths on request)
- ▶ Optionally with plug-in connection to the terminal
- ▶ Can be combined with all approvable Soehnle Professional terminals
- ▶ * With terminal 3025 (alphanumeric keypad), optional: wall bracket

| Order No.	Platform size mm	Maximum load kg	Division g	Load capacity kg	ATEX 2/22 2540.01.	Delivery time Week
Approvable						
7787.01.001*	1.000 x 800 x 80	150 | **300**	50 | 100	1.500		4
7787.02.001*	1.000 x 800 x 80	300 | **600**	100 | 200	1.500		4
7787.12.001*	1.250 x 1.000 x 80	300 | **600**	100 | 200	3.500		4
7787.13.001*	1.250 x 1.000 x 80	600 | **1.500**	200 | 500	3.500		4
7787.14.001*	1.250 x 1.000 x 80	1.500 | **3.000**	500 | 1.000	3.500		4
7787.22.001*	1.500 x 1.250 x 80	300 | **600**	100 | 200	3.500		2−3
7787.23.001*	1.500 x 1.250 x 80	600 | **1.500**	200 | 500	3.500		2−3
7787.24.001*	1.500 x 1.250 x 80	1.500 | **3.000**	500 | 1.000	3.500		2−3
2817.01.001	1.000 x 800 x 80	150 | **300**	50 | 100	1.500	.005**	4
2817.02.001	1.000 x 800 x 80	300 | **600**	100 | 200	1.500	.005**	4
2817.12.001	1.250 x 1.000 x 80	300 | **600**	100 | 200	3.500	.005**	4
2817.13.001	1.250 x 1.000 x 80	600 | **1.500**	200 | 500	3.500	.005**	4
2817.14.001	1.250 x 1.000 x 80	1.500 | **3.000**	500 | 1.000	3.500	.005**	4
2817.22.001	1.500 x 1.250 x 80	300 | **600**	100 | 200	3.500	.005**	2−3
2817.23.001	1.500 x 1.250 x 80	600 | **1.500**	200 | 500	3.500	.005**	2−3
2817.24.001	1.500 x 1.250 x 80	1.500 | **3.000**	500 | 1.000	3.500	.005**	2−3
2817.72.001	1.500 x 1.500 x 80	300 | **600**	100 | 200	3.500	.005**	4
2817.73.001	1.500 x 1.500 x 80	600 | **1.500**	200 | 500	3.500	.005**	4
2817.74.001	1.500 x 1.500 x 80	1.500 | **3.000**	500 | 1.000	3.500	.005**	4
2817.33.001	2.000 x 1.500 x 100	600 | **1.500**	200 | 500	3.500	.005**	4
2817.34.001	2.000 x 1.500 x 100	1.500 | **3.000**	500 | 1.000	3.500	.005**	4
2817.54.001	2.000 x 1.500 x 130	1.500 | **3.000**	500 | 1.000	7.500	.005**	4
2817.56.001	2.000 x 1.500 x 130	3.000 | **6.000**	1.000 | 2.000	7.500	.005**	4

** Version ATEX-Zone 2/22 available with the following order numbers: 2540.01.005 Versions with Flintec load cells possible, price and details on request.
Bridge plate in bulb plate as well as other weighing ranges and dimensions available on request. Further accessories see page 68 - 69

CE · Class III · M · IP 65 · Stainless steel · TQM · Ex · IP 68

Optional

Floor scale 7788, 2818

Stainless steel, hinged platform, approvable, for elevated hygiene requirements

MADE IN GERMANY
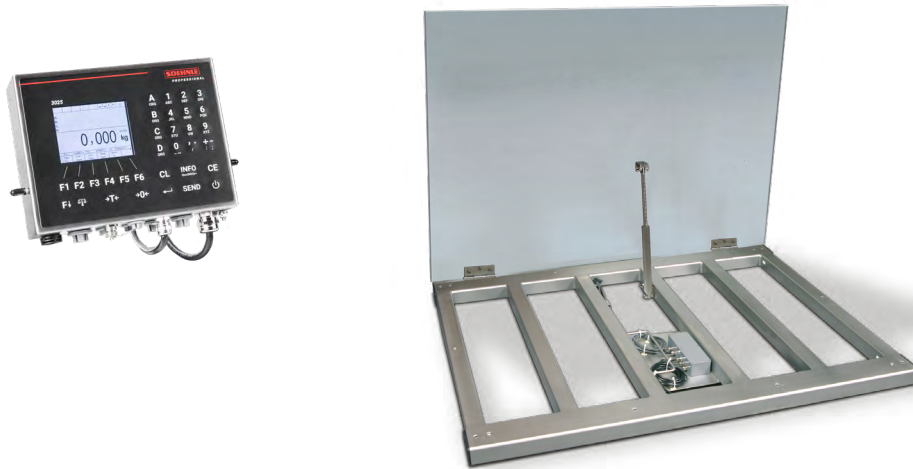
Features

▶ Approvable class III
▶ Weighing platform made of stainless steel 1.4301, hinged platform
▶ Load cells made from stainless steel, protection class IP 68
▶ Connection box made of stainless steel 1.4404
▶ Protection class IP 65 (protection class can be increased to IP 68 with potted terminal box, see accessories on page 69)
▶ Easy to clean design
▶ Gas compression spring made from 1.4301 stainless steel

▶ Load acceptance iaw. DIN 8119-4, control load 3
▶ High overload safety and maintenance-free design
▶ Suited for installation at level ground or for freestanding setup
▶ Measurement cable length: 6m (other cable lengths on request)
▶ Optionally with plug-in connection to the terminal
▶ Can be combined with all approvable Soehnle Professional terminals
▶ * With terminal 3025 (alphanumeric keyboard), optional: wall bracket

Order No.	Platform size	Maximum load	Division	Load capacity	ATEX 2/22	Delivery time
	mm	kg	g	kg	2540.01.	Week
Approvable						
7788.01.001*	1.000 x 800 x 80	150 | **300**	50 | 100	1.500		4
7788.02.001*	1.000 x 800 x 80	300 | **600**	100 | 200	1.500		4
7788.12.001*	1.250 x 1.000 x 80	300 | **600**	100 | 200	3.500		4
7788.13.001*	1.250 x 1.000 x 80	600 | **1.500**	200 | 500	3.500		4
7788.14.001*	1.250 x 1.000 x 80	1.500 | **3.000**	500 | 1.000	3.500		4
7788.22.001*	1.500 x 1.250 x 80	300 | **600**	100 | 200	3.500		2−3
7788.23.001*	1.500 x 1.250 x 80	600 | **1.500**	200 | 500	3.500		2−3
7788.24.001*	1.500 x 1.250 x 80	1.500 | **3.000**	500 | 1.000	3.500		2−3
2818.01.001	1.000 x 800 x 80	150 | **300**	50 | 100	1.500	.005**	4
2818.02.001	1.000 x 800 x 80	300 | **600**	100 | 200	1.500	.005**	4
2818.12.001	1.250 x 1.000 x 80	300 | **600**	100 | 200	3.500	.005**	4
2818.13.001	1.250 x 1.000 x 80	600 | **1.500**	200 | 500	3.500	.005**	4
2818.14.001	1.250 x 1.000 x 80	1.500 | **3.000**	500 | 1.000	3.500	.005**	4
2818.22.001	1.500 x 1.250 x 80	300 | **600**	100 | 200	3.500	.005**	2−3
2818.23.001	1.500 x 1.250 x 80	600 | **1.500**	200 | 500	3.500	.005**	2−3
2818.24.001	1.500 x 1.250 x 80	1.500 | **3.000**	500 | 1.000	3.500	.005**	2−3
2818.72.001	1.500 x 1.500 x 80	300 | **600**	100 | 200	3.500	.005**	REQ
2818.73.001	1.500 x 1.500 x 80	600 | **1.500**	200 | 500	3.500	.005**	REQ
2818.74.001	1.500 x 1.500 x 80	1.500 | **3.000**	500 | 1.000	3.500	.005**	REQ

** ATEX zone 2/22 configuration available for the following order numbers: 2540.01.005. Versions with Flintec load cells possible, price and details on request..
Textured plate, other weighing ranges and dimensions available on request. See pages 68 - 69 for more accessories

CE Class III M IP 65 Stain-less steel TQM Ex IP 68

Optional

Accessories

For weighing platforms and floor scales 7766, 2823, 2816, 2817, 2818
For catalog pages 57 - 67

	Order No.:	Accessories
Assembly	2510.24.001	Assembly kit for securing freestanding version, 2 kits needed per weighing platform (2 foot plates, screws, pins and washers, all platform sizes, up to 3.500 kg load capacity, 2816/2817.54.001 = Assembly kit 2510.24.001)
	2510.24.011	Assembly kit for securing freestanding version, 2 kits needed per weighing platform (2 foot plates, screws, pins and washers, platform 2.000 x 1.500 mm, up to 7.500 kg load capacity)
Assembly installation frames	2501.25.001*	Assembly installation frame, painted, for platform 1,000 x 800 mm, for 1.5 t load capacity
	2501.25.002*	Assembly installation frame, painted, for platform 1,250 x 1,000 mm, for 3.5 t load capacity
	2501.25.003*	Assembly installation frame, painted, for platform 1,500 x 1,250 mm, for 3.5 t load capacity
	2501.25.004*	Assembly installation frame, painted, for platform 1,500 x 1,500 mm, for 3.5 t load capacity
	2501.25.005*	Assembly installation frame, painted, for platform 2,000 x 1,500 mm, for 3.5 t load capacity
	2501.25.008*	Assembly installation frame, painted, for platform 2,000 x 1,500 x 130 mm, for 7.5 t load capacity
	2501.05.001*	Assembly installation frame, 1.4301 stainless steel, for platform 1,000 x 800 mm, for 1.5 t load capacity
	2501.05.002*	Assembly installation frame, 1.4301 stainless steel, for platform 1,250 x 1,000 mm, for 3.5 t load capacity
	2501.05.003*	Assembly installation frame, 1.4301 stainless steel, for platform 1,500 x 1,250 mm, for 3.5 t load capacity
	2501.05.004*	Assembly installation frame, 1.4301 stainless steel, for platform 1,500 x 1,500 mm, for 3.5 t load capacity
	2501.05.005*	Assembly installation frame, 1.4301 stainless steel, for platform 2,000 x 1,500 mm, for 3.5 t load capacity
	2501.05.011*	Assembly installation frame, 1.4301 stainless steel, for platform 2,000 x 1,500 x 130 mm, for 7.5 t load capacity
Drive-on ramps	2505.05.001	Drive-on ramp, smooth 1,000 x 800 x 80 mm, painted, for platform 1,000 x 800 mm
	2505.05.002	Drive-on ramp, smooth 1,000 x 1,000 x 80 mm, painted, for platform 1,250 x 1,000 mm
	2505.05.003	Drive-on ramp, smooth 1,000 x 1,250 x 80 mm, painted, for platform 1,500 x 1,250 mm
	2505.05.004	Drive-on ramp, smooth 1,000 x 1,500 x 80 mm, painted, for platform 1,500 x 1,500 mm
	2505.05.005	Drive-on ramp, smooth 1,000 x 1,500 x 100 mm, painted, for platform 2,000 x 1,500 mm
	2505.05.007	Drive-on ramp, smooth 1,200 x 1,500 x 130 mm, painted, light-gray, for platform 2,000 x 1,500 mm, for 7.5 t load capacity / wr 6 t
	2505.06.001	Drive-on ramp, smooth 1,000 x 800 x 80 mm, 1.4301 stainless steel, for platform 1,000 x 800 mm
	2505.06.002	Drive-on ramp, smooth 1,000 x 1,000 x 80 mm, 1.4301 stainless steel, for platform 1,250 x 1,000 mm
	2505.06.003	Drive-on ramp, smooth 1,000 x 1,250 x 80 mm, 1.4301 stainless steel, for platform 1,500 x 1,250 mm
	2505.06.004	Drive-on ramp, smooth 1,000 x 1,500 x 80 mm, 1.4301 stainless steel, for platform 1,500 x 1,500 mm
	2505.06.005	Drive-on ramp, smooth 1,000 x 1,500 x 100 mm, 1.4301 stainless steel, for platform 2,000 x 1,500 mm
	2505.06.007	Drive-on ramp, smooth 1,200 x 1,500 x 130 mm, 1.4301 stainless steel, for platform 2,000 x 1,500 mm, for 7.5 t load capacity / wr 6 t
	2502.10.002	Frame guard for all four corners, painted, weighing platform is raised by 140 mm (stainless steel configuration on request)
Base frames	2502.02.007	Base frame stainless steel 2894, dimensions: 800 x 600 x 700 (W x D x H) (height = without weighing platform), with 4 adjustable feet
	2502.02.019	Holder/stand for stainless steel base frame (2502.02.007)
	2502.02.020	Mobile base frame stainless steel 2892/2893 (height 528 mm)
	2502.02.018	Holder/stand for stainless steel base frame (2502.02.020)
	2502.20.001	Base frame for pallet truck transport, painted, 4 adjustable feet, spirit level, 1,000 x 800 mm***
	2502.20.002	Base frame for pallet truck transport, painted, 4 adjustable feet, spirit level, 1,250 x 1,000 mm***
	2502.20.003	Base frame for pallet truck transport, painted, 4 adjustable feet, spirit level, 1,500 x 1,250 mm***
	2502.20.004	Base frame for pallet truck transport, painted, 4 adjustable feet, spirit level, 1,500 x 1,500 mm***
	2502.20.005	Base frame for pallet truck transport, painted, 4 adjustable feet, spirit level, 2,000 x 1,500 mm***
	2502.21.001	Base frame for pallet truck transport, stainless steel, 4 adjustable feet, spirit level, 1,000 x 800 mm***
	2502.21.002	Base frame for pallet truck transport, stainless steel, 4 adjustable feet, spirit level, 1,250 x 1,000 mm***
	2502.21.003	Base frame for pallet truck transport, stainless steel, 4 adjustable feet, spirit level, 1,500 x 1,250 mm***
	2502.21.004	Base frame for pallet truck transport, stainless steel, 4 adjustable feet, spirit level, 1,500 x 1,500 mm***
	2502.21.005	Base frame for pallet truck transport, stainless steel, 4 adjustable feet, spirit level, 2,000 x 1,500 mm***
	2502.22.001	Base frame for forklift transport, painted, 4 adjustable feet, spirit level, 1,000 x 800 mm***
	2502.22.002	Base frame for forklift transport, painted, 4 adjustable feet, spirit level, 1,250 x 1,000 mm***
	2502.22.003	Base frame for forklift transport, painted, 4 adjustable feet, spirit level, 1,500 x 1,250 mm***
	2502.22.004	Base frame for forklift transport, painted, 4 adjustable feet, spirit level, 1,500 x 1,500 mm***
	2502.22.005	Base frame for forklift transport, painted, 4 adjustable feet, spirit level, 2,000 x 1,500 mm***
	2502.23.001	Base frame for forklift transport, stainless steel, 4 adjustable feet, spirit level, 1.000 x 800 mm ***
	2502.23.002	Base frame for forklift transport, stainless steel, 4 adjustable feet, spirit level, 1,250 x 1,000 mm***
	2502.23.003	Base frame for forklift transport, stainless steel, 4 adjustable feet, spirit level, 1,500 x 1,250 mm***
	2502.23.004	Base frame for forklift transport, stainless steel, 4 adjustable feet, spirit level, 1,500 x 1,500 mm***
	2502.23.005	Base frame for forklift transport, stainless steel, 4 adjustable feet, spirit level, 2,000 x 1,500 mm***

Accessories

| Order No.	Description with conveyor / roller width / overall width / length / roller spacing / roller diameter
Roller conveyors 2513.00.005	Roller conveyor, transverse, lightweight construction, 270 mm / 310 mm / 275 mm / 25 mm / 20 mm, 3.6 kg preload, for weighing platform 2860.01/.02/.03 (not compatible with weighing platform 2860.01.010, 2860.03.020, 2860.12.010, 2860.13.010, 2860.13.020)
2513.00.006	Roller conveyor, transverse, standard, 270 mm / 310 mm / 275 mm / 35 mm / 30 mm, 5 kg preload, for weighing platform 2860.03/.04 (not compatible with weighing platform 2860.01.010, 2860.02.010, 2860.03.020, 2860.11.010, 2860.12.010, 2860.13.010, 2860.13.020)
2513.00.010	Roller conveyor, transverse, standard, 360 mm / 400 mm / 300 mm / 50 mm / 40 mm, 7.3 kg preload, for weighing platform 2861.04/.05 (not compatible with weighing platform 2861.02.010)
2513.00.011	Roller conveyor, longitudinal, standard, 260 mm / 300 mm / 400 mm / 50 mm / 40 mm, 7.4 kg preload, for weighing platform 2861.04/.05 (not compatible with weighing platform 2861.02.010)
2513.00.003	Roller conveyor, transverse, standard, 480 mm / 520 mm / 400 mm / 50 mm / 40 mm, 11.4 kg preload, for weighing platform 2892.24/.25/.26
2513.00.004	Roller conveyor, longitudinal, standard, 360 mm / 400 mm / 520 mm / 50 mm / 40 mm, 11.5 kg preload, for weighing platform 2892.24/.25/.26
2513.00.007	Roller conveyor, transverse, standard, 620 mm / 660 mm / 550 mm / 55 mm / 50 mm, 24 kg preload, for weighing platform 2893.25/.26 (not compatible with weighing platform 2893.26.020, 2893.36.010, 2893.36.020)
2513.00.008	Roller conveyor, longitudinal, standard, 510 mm / 550 mm / 660 mm / 55 mm / 50 mm, 24.1 kg preload, for weighing platform 2893.25/.26 (not compatible with weighing platform 2893.26.020, 2893.36.010, 2893.36.020)
2513.00.009	Roller conveyor, longitudinal, standard, 560 mm / 600 mm / 800 mm / 62.5 mm / 50 mm, 26.5 kg preload, for weighing platform 2894.06 / 07,(not compatible with weighing platform 2894.06.010)
2510.24.006	Assembly plate versions for ramps, drive-on side, up to 1,500 mm (version in V4A on request)
2516.01.005	Terminal box in protection class IP 68, potted
2602.01.018	Cable extension up to 10 m (other lengths on request) for weighing platforms with terminal box with one load cell 2861
2602.01.026	Cable extension up to 10 m (other lengths on request) for weighing platforms with terminal box with one load cell 2892-94
2602.01.029	Cable extension up to 10 m (other lengths on request) for weighing platforms with terminal box with one load cell 2860
2550.05.007	Identchip in terminal box with 10 m cable (When ordering in combination with a weighing platform 2816, 2817, 2818, 2823, 2814, 2825, 2815)

* Exclusive assembly (please request foundation plan for installation of the mounting frame). Further requirements on request.
** Price on request
*** Height of the base frames +/- 20 mm adjustable
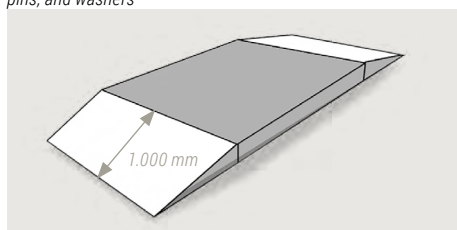
Images Accessories
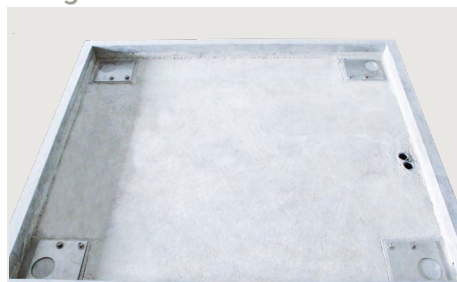
Assembly installation frame, complete with foot plates, screws, pins, and washers
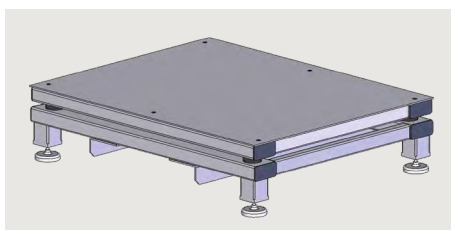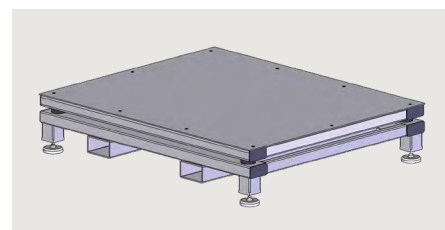

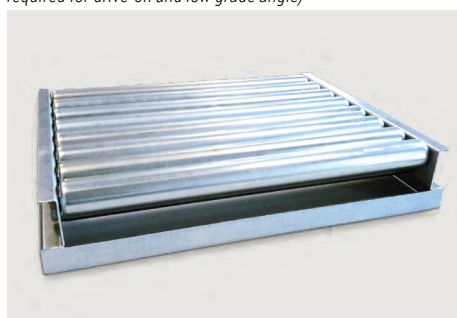*Assembly kit to secure the freestanding scale*

Ramming guard

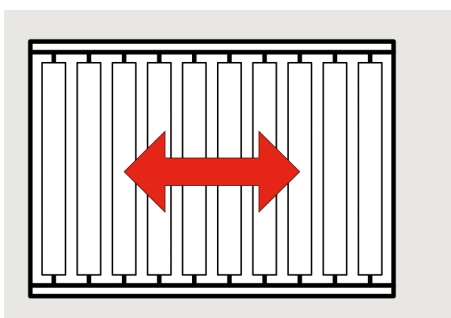*Drive-on ramps (length of 1,000 mm provides minimal exertion required for drive-on and low grade angle)*
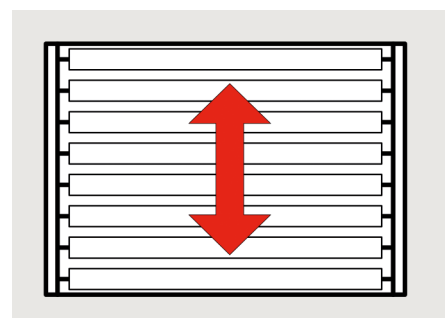

Base frame for pallet truck transport

Base frame, forklift transport

Roller conveyor, snap-on

Roller conveyor, longitudinal

Roller conveyor, transverse

Multi-functional scale 7708, 7808

For mobile use

Terminal 3800

*Terminal 3820*

Features

▶ Approved class III, or not approvable
▶ Weighing platform made from aluminum, painted white
▶ Portable with two rollers and handle
▶ Easy to operate terminal
▶ Optional: wall/stand bracket 2503.30.005
▶ Scale weight: 16 kg

▶ Flexible use in different locations due to battery and optional rechargeable battery operation
▶ Protection class IP 42

Accessories Terminals 3820 and 3800 see page 91 - 92

Order No.	Configuration	Platform size	Maximum load	Division	Delivery time
			kg		Week
		mm		g	
Approvable					
7708.60.002	With Terminal 3820.01.001	880 x 840 x 55	**300**	100	1
Not approvable					
7808.60.002	With Terminal 3800.01.001	880 x 840 x 55	**300**	100	1
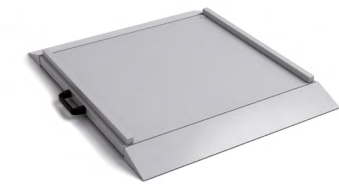
Accessories

Order No.	Configuration
2502.04.001	Aluminum guide profiles (set) for 7708, 7808
2505.08.001	Drive-on ramp for 7708, 7808

Optional

IP 65

rugged

easy drive-on

drive-on ramps

approvable

stainless

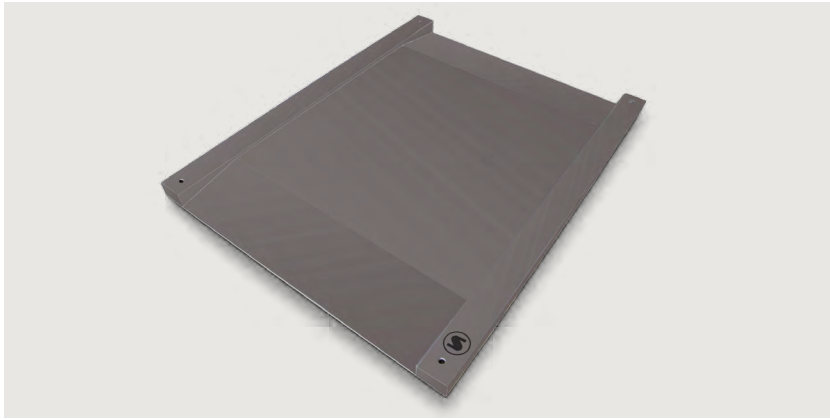versatile

low drive-on height

KG

IP 67

8

8. Drive-through scale

For easy driving onto the scale

7764, 2814

Drive-through scale, integrated ramps, approvable
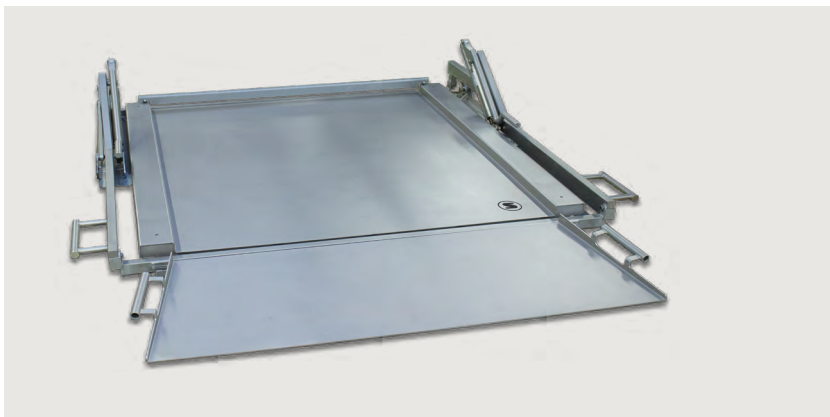

7784, 2814

Drive-through scale, approvable

2825

Drive-through scale, hinged platform, approvable

Drive-through scale 7764, 2814

Integrated ramps, approvable

Illustration: Painted variant

Features
▶ Approvable, class III
▶ Robust steel structure
▶ Low drive-on height (max 41 mm, ramp edge 5 mm)
▶ Load-capacity: 1,500 kg
▶ Drive-on ramps for easy drive-on with load
▶ With foot plate to secure the scale (painted configuration)
▶ Measurement cable: 6m (other cable lengths on request)
▶ Stainless steel version: stainless steel load cell, protection class IP 68
▶ Painted configuration: Load cell nickel-plated steel, protection class IP 65
▶ Terminal box protection class IP 65 (*** overall protection class can be increased to IP 68 with potted terminal box, see accessories on page 69)
▶ Optionally with plug-in connection to the terminal
▶ Can be combined with all approvable Soehnle Professional terminals

* With Terminal 3820.01.101
▶ Backlit LC display, digit height 25 mm
▶ Optional: wall/stand bracket 2503.30.005
▶ 10-key operation with freely assignable function key
▶ Functions: Weighing, taring, plus/minus weighing, counting, piece check, checking, totalising/commissioning, percentage weighing, tare weighing, neutral measuring, hold, user filter setting, print/EDV with variable print layout, auto tare

Accessories Terminal Standard 3820 see pages 91 - 92

** With Terminal 3010.02.002
▶ Backlit LC display, character height: 16 mm
▶ Optional: wall/stand bracket 2503.30.007, table stand 2503.30.004
▶ Three LEDs red / yellow / green as control lights
▶ Easy 10-key operation
▶ Functions: Weighing and taring, counting, totalising, order picking, withdrawal weighing, dynamic switching, checking, count checking, dosing
▶ Up to 3 interface slots for options such as RS232, USB, Ethernet
▶ Slot for Profibus or Profinet and I/O card

Accessories terminal 3010 see pages 97 - 99

Order No.	Configuration	Platform size	Dimensions	Maximum load kg	Division g	Delivery time Week
		mm	mm			
Approvable						
7764.20.001*	Painted	1.000 x 1.000 x 41	1.600 x 1.200 x 78	150 | **300**	50 | 100	1
7764.30.001**	Stainless steel***	850 x 850 x 40	1.050 x 1.050 x 80	150 | **300**	50 | 100	1
2814.20.001	Painted	1.000 x 1.000 x 41	1.600 x 1.200 x 78	150 | **300**	50 | 100	1
2814.30.002	Stainless steel***	850 x 850 x 40	1.050 x 1.050 x 80	150 | **300**	50 | 100	1

Optional

Drive-through scale 7784, 2814

Approvable

Illustration: Incl. drive-on-ramps (optional)

Features

- Approvable, class III
- Robust steel structure
- Low drive-on height (max 50 mm)
- Load-capacity: 1.500 kg
- Drive-on ramps for easy drive-on with load, length: 500 mm (optional)
- Measurement cable: 6m (other cable lengths on request)
- Stainless steel version: Weighing platform made of stainless steel 1.4301, glass bead blasted, weighing cell made of stainless steel, protection class IP 68
  Connection box made of stainless steel 1.4404 protection class IP 68

- Painted configuration: load cell: nickel-plated steel, protection class IP 67
- Terminal box protection class IP 65 (*** protection class can be increased to IP 68 with potted terminal box, see accessories)
- Foot plates for fixing the scale / ramps included
- Optionally with plug-in connection to the terminal
- Can be combined with all approvable Soehnle Professional terminals
- * With terminal 3025 (alphanumeric keyboard), incl. 1 piece drive-on ramp 2505.03.00x, optional: wall/stand bracket 2503.30.007, table stand 2503.30.004

Order No.	Configuration	Platform size	Dimensions	Maximum load kg	Division	ATEX 2/22 2540.01.	Delivery time Week
		mm	mm		g		
Approvable							
7784.01.001*	Stainless steel***	1.000 x 800 x 40	1.000 x 1.000 x 80	300 | **600**	100 | 200		2–3
7784.02.001*	Stainless steel***	1.500 x 1.250 x 50	1.500 x 1.450 x 80	600 | **1.500**	200 | 500		2–3
7784.11.001*	painted	1.000 x 800 x 40	1.000 x 1.000 x 80	300 | **600**	100 | 200		2–3
7784.12.001*	painted	1.500 x 1.250 x 50	1.500 x 1.450 x 80	600 | **1.500**	200 | 500		2–3
2814.01.002	Stainless steel***	1.000 x 800 x 40	1.000 x 1.000 x 80	300 | **600**	100 | 200	.005**	2–3
2814.02.002	Stainless steel***	1.500 x 1.250 x 50	1.500 x 1.450 x 80	600 | **1.500**	200 | 500	.005**	2–3
2814.11.002	painted	1.000 x 800 x 40	1.000 x 1.000 x 80	300 | **600**	100 | 200	.006**	2–3
2814.12.002	painted	1.500 x 1.250 x 50	1.500 x 1.450 x 80	600 | **1.500**	200 | 500	.006**	2–3

**ATEX zone 2/22 configuration available for the following surcharge: 2540.01.005, 2540.01.006. Versions with Flintec load cells possible, price and details on request.

Accessories

Order No.	Configuration
Accessories for stainless steel configuration	
2505.03.005	Drive-on ramp, smooth 1,000 x 500 x 40 mm, for platform 1,000 x 800 mm (ramp edge 5 mm)
2505.03.006	Drive-on ramp, smooth 1,450 x 500 x 50 mm, for platform 1,500 x 1,250 mm (ramp edge 5 mm)
2516.01.005	Terminal box, potted (increases protection class to IP 68)
Accessories for painted configuration	
2505.03.007	Drive-on ramp, smooth 1,000 x 500 x 40 mm, for platform 1,000 x 800 mm (ramp edge 5 mm)
2505.03.008	Drive-on ramp, smooth 1,450 x 500 x 50 mm, for platform 1,500 x 1,250 mm (ramp edge 5 mm)
2516.01.005	Encapsulated terminal box (protection class increased to IP 68)

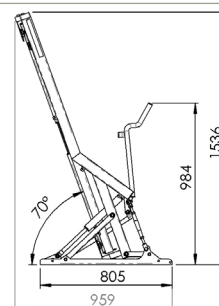CE | Class III | M | IP 65 | Stainless steel | TQM | Ex | IP 68 ***

Optional

Drive-through scale 2825

Stainless steel, hinged platform, approvable, for elevated hygiene requirements

Illustration: Incl. drive-on ramp and drive-through barrier (optional)

Features

▷ Approvable class III
▷ Weighing platform made of stainless steel, 1.4301, foldable
▷ Low drive-on height (40 mm)
▷ Stainless steel load cells
▷ Connection box made of stainless steel 1.4404
▷ Connection box protection class IP 65 (***increase of protection class with IP 68 possible with encapsulated plenum box, see accessories)
▷ Easy-to-clean construction, hygienic design
▷ Gas springs in stainless steel 1.4301
▷ Load acceptance according to DIN 8119-4, standard load 3

▷ Scale can be positioned directly on a wall due to the special pivot point with the rear side directly on a wall
▷ For driving on or over
▷ Drive-on ramps for easy driving over with weighing goods, Length 489 mm (see accessories)
▷ Measuring cable 6 m (other cable lengths available on request)
▷ Optionally with plug-in connection to the terminal
Can be combined with all approvable Soehnle Professional terminals

Order No.	Configuration	Platform size	Dimensions	Maximum load kg	Division	Load capacity	Delivery time Week
		mm	mm		g	kg	
Approvable							
2825.01.001	Stainless steel	1.250 x 1.500	1.865 x 1.618 x 345	600 | **1.500**	200 | 500	2.000	REQ
5711.02.001	Transport lock / mounting frame (for purchase / in exchange*)						

**Refund of the price upon return of the transport protection within 4 weeks, provided that the transport protection is without defects.

Accessories

Order No.	Configuration
2505.04.001	Drive-on ramp, in front, smooth, stainless steel 1.250 x 500 x 40 mm
2505.04.002	Drive-on ramp, at the back, smooth, stainless steel 1.250 x 500 x 40 mm
2510.25.005	Height adjustment set, stainless steel (consisting of 2 x 1 mm, 1 x 3 mm, 1 x 5 mm)
2538.01.001	Drive-through stop, stainless steel, length = 1,340 mm
2516.01.005	Terminal box in protection class IP 68, potted

Optional

9. Pallet scales

Easy weighing of pallets

tons kg
stainless steel
approvable
pallets
mobile
low scale weight
IP 68
painted

Pallet scale 7765, 7785, 2815
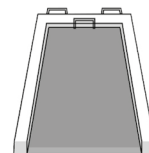
Approvable

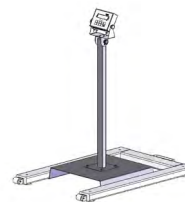Pallet scale incl. 3820

Pallet scale incl. 3010

Pallet scale incl. 3025

Load capacity: 300 kg

Transportation device

Features

- ▶ Approvable, class III
- ▶ Portability due to transport handle and rollers
- ▶ Low scale weight of approx. 40 kg
- ▶ Stainless steel version: Weighing platform made of stainless steel 1.4301, load cell made of stainless steel, protection class IP 68 Connection box made of stainless steel 1.4404
- ▶ Painted configuration: Painted configuration: painted, load cell: nickel-plated steel, protection class: IP 67

- ▶ Terminal box protection class IP 65 (*** protection class can be increased to IP 68 with potted terminal box, see accessories on page 73)
- ▶ 6 m measurement cable to connect pallet scale and terminal
- ▶ Dimensions: 1,190 x 840 x 80 mm (leg width: 120 mm)
- ▶ Load capacity: 3,000 kg
- ▶ Can be combined with all approvable Soehnle Professional terminals
- ▶ Versions incl. terminal 77xx: wall/stand bracket optional

Order No.	Configuration	Maximum load kg	Division g	ATEX 2/22 2540.01.	Delivery time Week
Approvable					
7765.11.001	Painted, incl. terminal 3820, protec. class IP 67	300 | **600**	100 | 200		1
7765.12.001	Painted, incl. terminal 3820, protec. class IP 67	600 | **1.500**	200 | 500		1
7765.13.001	Painted, incl. terminal 3820, protec. class IP 67	1.500 | **3.000**	500 | 1.000		1
7765.21.001	Stainl. steel, incl. terminal 3010, protec. class IP 67	300 | **600**	100 | 200		1
7765.22.001	Stain. steel, incl. terminal 3010, protec. class IP 67	600 | **1.500**	200 | 500		1
7785.11.001	Painted, incl. terminal 3025, protec. class IP 67	300 | **600**	100 | 200		1
7785.12.001	Painted, incl. terminal 3025, protec. class IP 67	600 | **1.500**	200 | 500		1
7785.13.001	Painted, incl. terminal 3025, protec. class IP 67	1.500 | **3.000**	500 | 1.000		1
7785.21.001	Stainl. steel, incl. terminal 3025, protec. class IP 67	300 | **600**	100 | 200		1
7785.22.001	Stainl. steel, incl. terminal 3025, protec. class IP 67	600 | **1.500**	200 | 500		1
2815.11.900	painted	300 | **600**	100 | 200	.006**	1
2815.12.900	painted	600 | **1.500**	200 | 500	.006**	1
2815.13.900	painted	1.500 | **3.000**	500 | 1.000	.006**	1
2815.21.900	Stainless steel***	300 | **600**	100 | 200	.005**	1
2815.22.900	Stainless steel***	600 | **1.500**	200 | 500	.005**	1

**Version ATEX-Zone 2/22 available with the following extra charge: 2540.01.005, 2540.01.006.
  Versions with Flintec load cells possible, price and details on request.

Accessories

Order No.	Configuration
Accessories for stainless steel configuration	
2510.06.001	Weighing platform made from 1.4301 stainless steel, load capacity: 300 kg
2503.06.001	Widening kit, stainless steel, kit consists of 2 installed parts, width of each L profile: 100 mm
Accessories for painted configuration	
2510.05.001	Weighing platform made from painted steel, load capacity: 300 kg
2503.06.002	Widening kit, painted, kit consists of 2 installed parts, width of each L profile: 100 mm
2510.11.001	Transportation device with stand for terminal, painted

Optional

9

10. Pallet truck scales

Transporting and weighing in a single process step

strain-gauge
load cells

kg

rechargeable battery

logistics processes

Pallet truck scale 9761

The mobile solution for your logistics process

Features

- ▶ Battery operation: One battery 12 V; 500 mA integrated
- ▶ Weighing operating time: 70 hours (without backlight)
- ▶ Power supply with charging function, 100 – 240 V, 50 / 60 Hz
- ▶ Steel housing to protect the terminal
- ▶ Four strain-gauge load cells, protection class IP 67
- ▶ Tandem rollers made from polyurethane
- ▶ Steering rollers made from polyurethane
- ▶ Dimensions: 1.630 x 555 x 1.210 mm
- ▶ Fork length: 1.160 mm
- ▶ Underride: approx. 85 mm
- ▶ Lift height: approx. 20 cm
- ▶ Scale weight: 160 kg

Terminal

- ▶ Functions: Weighing, taring, counting, checking, totaling
- ▶ Housing made of plastic, protection class IP 54
- ▶ Optimized legibility due to backlit LC display (52 mm)
- ▶ Integrated LED control light for check weighing

Order No.	Configuration	Maximum load kg	Division g	Delivery time Week
9761.15.001	Painted, incl. terminal in plastic housing with battery, not approvable	**2.000**	1.000	1

kg meat hook
approvable
stainless steel
space saving
IP 68/69 K
easy installation
rust protection
Pipeline system

11. Wall-mounted scales

For catering & hotel operations and production facilities

7624, 7626, 2821

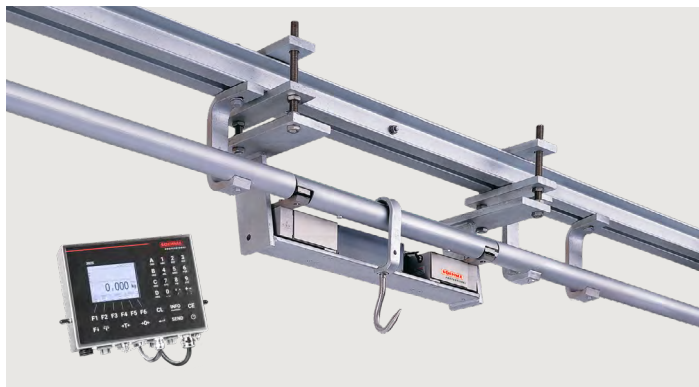Wall-mounted scale with base terminal 3010 and terminal 3025

7625, 7627, 2821

Wall-mounted scale, stainless steel load cell, with terminal 3010 and 3025
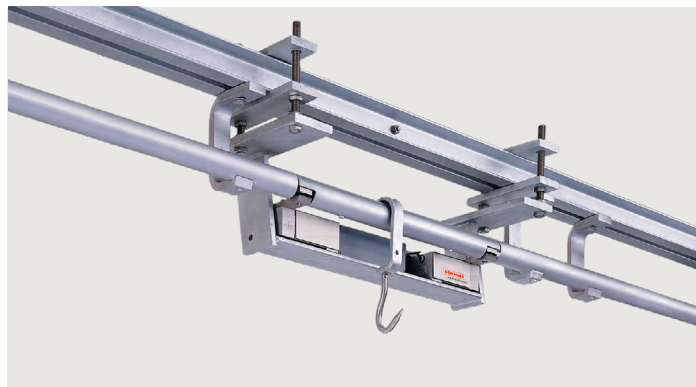

7622

Overhead track scale withTerminal 3025

2922

Overhead track scale

11

Wall-mounted scale 7624, 7626, 2821

MADE IN GERMANY

Approvable

Wall-mounted scale with meat hook accessory

Features

▶ Approvable, class III
▶ Wall-mounted scale for dry and wet operating environments in catering and hotel operations and in commercial kitchens
▶ Variants with aluminum load cell, protection class IP 65 and stainless steel load cell, protection class IP 68/69K
▶ Functions: Weighing and taring, zero reset, totaling, order picking, checking, plus / minus weighing
▶ Hinged weighing platform made from 1.4301 stainless steel
▶ Scale weight: 64 kg

▶ Terminals: Protected against dust and water spray, protection class IP 67
▶ Integrated power supply
▶ Optional: wall/stand bracket 2503.30.007, table stand 2503.30.004
▶ Terminal 3010: Simple operation, control lights
▶ Terminal 3025: Alphanumeric keyboard, manual tare, barcode management, organization data memories

Order No.	Configuration	Platform size mm	Maximum load kg	Division g	Delivery time Week
Approvable					
7624.22.001	Standard, Terminal 3010	550 x 440	**60**	20	1
7624.23.001	Standard, Terminal 3010	550 x 440	**150**	50	1
7626.22.002	Standard, Terminal 3025 with RS 232	500 x 400	**60**	20	1
7626.23.002	Standard, Terminal 3025 with RS 232	500 x 400	**150**	50	1
2821.22.001	Standard	550 x 440	**60**	20	1
2821.23.001	Standard	550 x 440	**150**	50	1
2821.32.001	Stainless steel load cell, IP 68/69K	550 x 440	**60**	20	1
2821.33.001	Stainless steel load cell, IP 68/69K	550 x 440	**150**	50	1

Accessories

Order No.	Configuration
2509.01.001	Hook hanger made from 1.4301 stainless steel, with hook made from anodized aluminum

See additional accessories for base terminal 3010 and terminal 3025, from page 97 - 99

Optional

Wall-mounted scale 7625, 7627, 2821

MADE IN GERMANY

Approvable, stainless steel load cell

Features

▸ Approvable class III

▸ Only 100 mm depth when folded up

▸ Height of rear wall 200 mm

▸ Own weight only 22 kg, can be easily assembled by one person

▸ Easy installation thanks to drilling template and few adjustments

▸ No need to set the overload

▸ Functions: Weighing and taring, zeroing, totalising, commissioning, checking, plus/minus weighing

▸ Open construction completely made of stainless steel, including load cell

▸ Wall-mounted scale protection class IP 68/69K, suitable for high-pressure cleaning

▸ Terminals: dust and splash-proof, protection class IP 67

▸ Integrated power supply unit

▸ Optional: wall/stand bracket 2503.30.007, table stand 2503.30.004

▸ Terminal 3010: Easy operation, control lamps

▸ Terminal 3025: Alphanumeric keyboard, manual tare input, barcode management, organisation data memory

Order No.	Configuration	Platform size mm	Maximum load kg	Division g	Delivery time Week
Approvable					
7625.40.001	Stainless steel, Terminal 3010	500 x 400	**60**	20	1
7625.41.001	Stainless steel, Terminal 3010	500 x 400	**150**	50	1
7627.40.002	Stainless steel, Terminal 3025 with RS 232	500 x 400	**60**	20	1
7627.41.002	Stainless steel, Terminal 3025 with RS 232	500 x 400	**150**	50	1
2821.40.001	Stainless steel	500 x 400	**60**	20	1
2821.41.001	Stainless steel	500 x 400	**150**	50	1

For further accessories, see basic terminal 3010 and terminal 3025, from page 97 - 99

11

CE · Class III · M · OIML · IP 67 · Stainless steel · TQM · RS232

Optional

Overhead track scale 7622

Approvable

Features

- ▶ Approvable, class III
- ▶ Installation in any tube track system with 60 mm ø tube diameter
- ▶ Configuration of aluminum load cell: Protection class IP 65
- ▶ Configuration of stainless steel load cell: Protection class IP 68/69K
- ▶ Corrosion protection due to hot-dip galvanizing of the carrier material
- ▶ 10 m measurement cable

Terminal 3025.01.001

- ▶ Stainl. steel housing, prot. class IP 67, optional: wall/stand bracket
- ▶ Integrated power supply 100 - 240 V, 50 / 60 Hz
- ▶ Easy-to-read 3.5" TFT colour display (QVGA 320 x 240 pixels)
- ▶ Adjustable background color, dimmable
- ▶ Control function as control light
- ▶ Digit height 11 mm
- ▶ Convenient operation via membrane keypad with 10 keys for alphanumeric input, e.g. manual tare of a meat hook
- ▶ 5 user programs: Weighing and taring, totalising and order-picking, counting and piece checking, checking, dynamic switching
- ▶ 4 ORG data memories e.g. for item, customer or delivery note numbers
- ▶ Barcode management with filtering and multiscan function

Order No.	Configuration	Weighing track length mm	Maximum load kg	Division g	Delivery time Week
Approvable					
7622.50.001	Aluminum load cell	200	**150**	50	2–3
7622.51.001	Aluminum load cell	200	**300**	100	2–3
7622.55.001	Stainless steel load cell	200	**150**	50	2–3
7622.56.001	Stainless steel load cell	200	**300**	100	2–3
7622.60.001	Aluminum load cell	600	**300**	100	2–3
7622.61.001	Aluminum load cell	600	**600**	200	2–3
7622.65.001	Stainless steel load cell	600	**300**	100	2–3
7622.66.001	Stainless steel load cell	600	**600**	200	2–3
7622.70.001	Aluminum load cell	800	**300**	100	2–3
7622.71.001	Aluminum load cell	800	**600**	200	2–3
7622.75.001	Stainless steel load cell	800	**300**	100	2–3
7622.76.001	Stainless steel load cell	800	**600**	200	2–3
7622.80.001	Aluminum load cell	1.000	**300**	100	2–3
7622.81.001	Aluminum load cell	1.000	**600**	200	2–3
7622.85.001	Stainless steel load cell	1.000	**300**	100	2–3
7622.86.001	Stainless steel load cell	1.000	**600**	200	2–3

Special rails (profile or lengths) on request. Further accessories for terminal 3025 see page 97 - 99

Accessories

Order No.	Configuration
2510.22.004	Track mount, corrosion-protected
2510.22.001	Ceiling mount, corrosion-protected
2550.05.002	Plug-in interface with ID chip installed, approvable section point between scale and display

Plastic insert for smooth movement of hanging parts on the scale

2503.50.001	for 200 mm weighing track length, aluminum load cell
2503.50.002	for 200 mm weighing track length, stainless steel load cell
2503.50.003	for 600 mm weighing track length
2503.50.004	for 800 mm weighing track length
2503.50.005	for 1.000 mm weighing track length

Overhead track scale 2922

Approvable
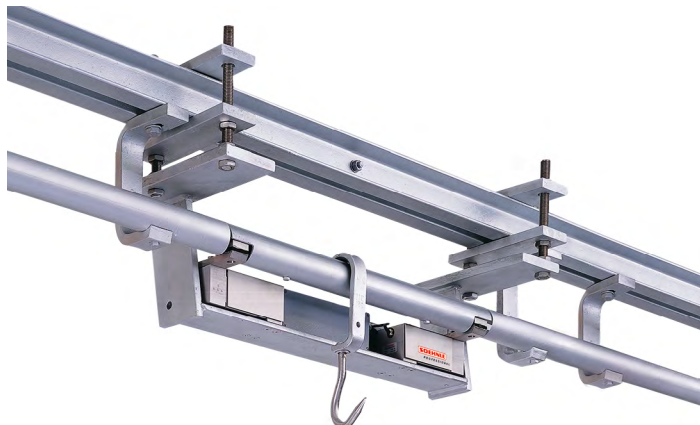
Features
- ▶ Approvable, class III
- ▶ Installation in any tube track system with 60 mm ø tube diameter
- ▶ Configuration of aluminum load cell: Protection class IP 65
- ▶ Configuration of stainless steel load cell: Protection class IP 68/69K
- ▶ Corrosion protection due to hot-dip galvanizing of the carrier material
- ▶ 10 m measurement cable
- ▶ Can be combined with all approvable Soehnle Professional terminals

Order No.	Configuration	Weighing track length mm	Maximum load kg	Division g	Delivery time Week
Approvable					
2922.50.002	Aluminum load cell	200	**150**	50	2–3
2922.51.002	Aluminum load cell	200	**300**	100	2–3
2922.55.002	Stainless steel load cell	200	**150**	50	2–3
2922.56.002	Stainless steel load cell	200	**300**	100	2–3
2922.60.002	Aluminum load cell	600	**300**	100	2–3
2922.61.002	Aluminum load cell	600	**600**	200	2–3
2922.65.002	Stainless steel load cell	600	**300**	100	2–3
2922.66.002	Stainless steel load cell	600	**600**	200	2–3
2922.70.002	Aluminum load cell	800	**300**	100	2–3
2922.71.002	Aluminum load cell	800	**600**	200	2–3
2922.75.002	Stainless steel load cell	800	**300**	100	2–3
2922.76.002	Stainless steel load cell	800	**600**	200	2–3
2922.80.002	Aluminum load cell	1.000	**300**	100	2–3
2922.81.002	Aluminum load cell	1.000	**600**	200	2–3
2922.85.002	Stainless steel load cell	1.000	**300**	100	2–3
2922.86.002	Stainless steel load cell	1.000	**600**	200	2–3

Special rails (profile or lengths) on request.

Accessories

Order No.	Configuration
2510.22.004	Track mount, corrosion-protected
2510.22.001	Ceiling mount, corrosion-protected
2550.05.002	Plug-in interface with ID chip installed, approvable section point between scale and display

Plastic insert for smooth movement of hanging parts on the scale

Order No.	Configuration
2503.50.001	for 200 mm weighing track length, aluminum load cell
2503.50.002	for 200 mm weighing track length, stainless steel load cell
2503.50.003	for 600 mm weighing track length
2503.50.004	for 800 mm weighing track length
2503.50.005	for 1.000 mm weighing track length

11

SOEHNLE PROFESSIONAL

Übersicht

Verbunden mit:
Terminal 3035 Plus

Gesendet: 0 Datensätze
Empfangen: 0 Datensätze

CSV-Export
Status: Inaktiv
Aktueller Log: 0 Messungen
Anzahl aktiver Filter: 0 Filter

Tastatur-Einschleifung
Status: Inaktiv
Verarbeitete Messungen: 0 Messungen
Anzahl aktiver Filter: 0 Filter
Ziel: Aktuelle Cursor-Position

Log: 0 Datensätze

Verbindung Kommunikation Filter Tastatur-Einschleifung CSV-Export Logging

Ethernet
Hostname/IP Port
10.10.5.5   23
Datensatz-Start Datensatz-Ende
NONE   NONE
Trennen
Bei Start Automatisch Verbinden

Verbunden mit:
Terminal 3035 Plus

COM
Port Baudrate
      9600
Datensatz-Start Datensatz-Ende
NONE   NONE
Verbinden
Bei Start Automatisch Verbinden

Profile
Terminal 3XXX
Terminal 3XXX

Importieren Exportieren Speicher

Scale Connect Pro
Marketing | Gaildorfer Str. 6, D-71522 Backnang
Daten holen   Tara löschen
Tarieren   Einstellungen
Verbunden: 10.10.5.5

Organization data memory

Membrane keypad

made in Germany

Color display

Professional

Application software

Options

Wall /
bench mounted

Interfaces

12. Terminals

Appropriate for various applications and environments

3800
Terminal

3810
Terminal

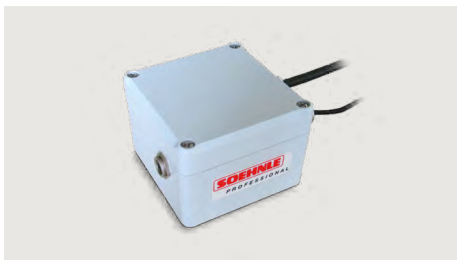## 3820
Terminal

3010
Terminal

3025
Terminal

3035
Terminal

3035 *plus*
Terminal

A/D converter

Analog amplifier

Terminals 3800 / 3810

MADE IN GERMANY

Terminal 3800 - for simple requirements

Weighing and taring
Plus/minus weighing
Add weighing

Features

▶ Not calibratable, resolution up to 32,000 d
▶ Fast and stable stability behaviour (filter type 3)
▶ Large LC display (no backlighting),, digit height 25 mm
▶ 5-key operation with freely assignable F key
▶ Functions: Weigh, tare, plus/minus weighing, add, hold, user filter setting, EDP for selecting 5 variants of data records, auto tare
▶ Internal user calibration for location adjustment
▶ Units in g, kg or lb
▶ Power supply operation: 100 - 240 V / 50 - 60 Hz, power supply, cable length 3,4 m

▶ Battery operation (6x AA batteries) or optional rechargeable battery operation with battery pack and charging circuit
  (battery life approx. 50 hours, depending on settings)
▶ Optional wall/tripod mount

Housing

▶ Compact plastic housing, protection class IP 42
▶ Housing dimensions 303 x 95 x 57 mm

Interfaces

Integrated USB interface type B (virtual serial interface)

Order No.	Order no. Set of 5	Configuration	Protection class IP	Delivery time Week
3800.01.001	3800.01.001-5s	Not calibratable, with virtual serial USB interface	42	1

CE | IP 42 | Netzteil | Bat | VR | TQM | Akku/Netz
Optional

MADE IN GERMANY

Terminal 3810 - for a wide range of applications

Weighing and taring
Plus/minus weighing
Add weighing

Features

▶ Not calibratable, resolution up to 32,000 d
▶ Fast and stable stability behaviour (filter type 3)
▶ Backlit LC display, digit height 25 mm
▶ 5-key operation with freely assignable F key
▶ Functions: Weigh, tare, plus/minus weighing, add, hold, user filter setting, print/EDP with variable print image design, auto tare
▶ Internal user calibration for location adjustment
▶ Units in g, kg or lb
▶ Power supply operation: 100 - 240 V / 50 - 60 Hz, power supply, cable length 3,4 m
▶ Battery operation (6x AA batteries) or optional rechargeable battery operation with battery pack and charger

(battery life approx. 50 hours, depending on settings)
▶ Optional wall/tripod mount

Housing

▶ Compact plastic housing, protection class IP 42 or IP 67
▶ Housing dimensions 303 x 95 x 57 mm

Interfaces

▶ Integrated USB interface type B (virtual serial interface) for 3810.01.001, USB interface 5-pin for 3810.01.101
▶ Additional slots for optional interfaces, such as WLAN / Bluetooth® with internal antenna USB interface for keyboard loop-in

Order No.	Order no. Set of 5	Configuration	Protection class IP	Delivery time Week
3810.01.001	3810.01.001-5s	Not approvable, with virtual serial USB interface	42	1
3810.01.101	3810.01.101-5s	Not approvable, with virtual serial USB interface	67	1

CE | IP 42 | IP 67 | Netzteil | Bat | VR | TQM | RS232 | RS422/485 | industrial ETHER NET | Bluetooth | WiFi | Akku/Netz

Optional

Terminal 3820

For professional use

MADE IN
GERMANY

Weighing and taring
Plus/minus weighing
Counting and count checking
Checking
Totalising/Commissioning
Percent weighing
Add-weighing
Neutral measuring

Features

▶ Approvable, class III, resolution up to 10.000 e
▶ Fast and stable standstill behaviour (filter type 3)
▶ Backlit LC display, character height: 25 mm
▶ 10-key operation with freely assignable F key
▶ Functions: Weighing, taring, plus/minus weighing, counting
  (with reference weight optimisation and add mode), count
  check, checkweighing, totalising/commissioning, percentage
  weighing, add-weighing, neutral measuring, hold, auto-tare, user
  filter setting, print/EDP with variable print layout
▶ Pass/fail control function with beeper and visual indicator
  Optional: external control light
▶ Realtime clock with date
▶ Optional: Price computing software for price labelling
▶ GLP Protocol
▶ For not approvable version: Internal user calibration for location
  adjustment and changeover of weight unit from kg to lb
▶ Units in g or kg
▶ Power supply operation: 100 - 240 V / 50 - 60 Hz, Cable length
  power supply unit 3,4 m
▶ Battery operation (6x AA batteries) or
  optional battery operation with battery pack and charging
  circuit (battery life approx. 50 hrs., depending on settings)
▶ Wall / stand bracket optional

Housing

▶ Compact plastic housing
  Protection class IP 42, suitable for dry working environments
  Protection class IP 67, suitable for wet environmental conditions
▶ Pressure is compensated by gas-permeable membrane (IP 67)
▶ Dimensions: 303 x 95 x 57 mm

Interfaces

▶ Integrated USB interface type B (virtual serial interface) for
  3810.01.001, USB interface 5-pin for 3810.01.101
▶
▶ Further slots for optional interfaces, such as
  WLAN / Bluetooth® with internal antenna
  USB – interface for keyboard wedge
  Ethernet
  RS232
  RS422/RS485
  Connection for external control light

Data communication

▶ All interfaces have factory-set printouts and EDP data sets for direct
  data output and data communication. These can also be individually
  configured via the service programme 2564.10.001
▶ Optional alibi memory for the legal-for-trade transfer of weight values
  from a verified scale to an EDP system

Order-No.	Order no. Set of 5	Configuration	Protection class IP	Delivery time Week
3820.01.001	3820.01.001-5s	Calibratable, with virtual serial USB interface	42	1
3820.01.101	3820.01.101-5s	Calibratable, with virtual serial USB interface	67	1

Optional

Accessories: Interface options

Terminal 3810

	Application as	Interface / Output	Connectivity	Module
	Printer / EDP	2563.21.007 RS232 / 5-pin	Interface slot 2	Extension module
	EDP	2563.49.003 RS422/RS485	Interface slot 3	2558.06.001
	Bluetooth®	2563.12.002 Bluetooth®		
	WLAN	2563.10.011 WLAN		
	Control light	2551.04.001 Control light 4 lights	Control light	
		2551.50.006 Control light 3-colour LED		(for IP 42 or IP 67)
	EDP		Ethernet (with RJ45 socket)	Interface module
	USB keyboard wedge		Keyboard wedge	2563.50.001
	Printer / EDP	2563.21.007 RS232, 5-pin	Interface slot 2	
	EDP	2563.49.003 RS422/RS485	(Alternative to Ethernet or	
	Bluetooth®	2563.12.002 Bluetooth®	keyboard wedge)	
	WLAN	2563.10.011 WLAN		
	Control light	2551.04.001 Control light 4 lights	Control light	(for IP 42)
		2551.50.006 Control light 3-colour LED		
	EDP		Ethernet (with 10 m patch cable)	Interface module
	Printer / EDP	2563.21.007 RS232, 5-pol.	Interface slot 2	2563.50.002
	EDP	2563.49.003 RS422/RS485		
	Bluetooth®	2563.12.002 Bluetooth®		
	WLAN	2563.10.011 WLAN		
	Control light	2551.04.001 Control light 4 lights	Control light	(for IP 67)
		2551.50.006 Control light 3-colour LED		

Terminal 3820

	Application as	Interface / Output	Connectivity	Module
	Printer / EDP	2563.21.007 RS232 / 5-pin	Interface slot 2	Extension module
	EDP	2563.49.003 RS422/RS485	Interface slot 3	2558.06.001
	Bluetooth®	2563.12.002 Bluetooth®		
	WLAN	2563.10.011 WLAN		
	Control light	2551.04.001 Control light 4 lights	Control light	
		2551.50.006 Control light 3-colour LED		(for IP 42 or IP 67)
	EDP		Ethernet (with RJ45 socket)	Interface module
	USB keyboard wedge		Keyboard wedge	2563.50.001
	Printer / EDP	2563.21.007 RS232, 5-pin	Interface slot 2	
	EDP	2563.49.003 RS422/RS485	(Alternative to Ethernet or	
	Bluetooth®	2563.12.002 Bluetooth®	keyboard wedge)	
	WLAN	2563.10.011 WLAN		(for IP 42)
	Control light	2551.04.001 Control light 4 lights	Control light	
		2551.50.006 Control light 3-colour LED		
	EDP		Ethernet (with 10 m patch cable)	Interface module
	Printer / EDP	2563.21.007 RS232, 5-pin	Interface slot 2	2563.50.002
	EDV	2563.49.003 RS422/RS485		
	Bluetooth®	2563.12.002 Bluetooth®		
	WLAN	2563.10.011 WLAN		
	Control light	2551.04.001 Control light 4 lights	Control light	(for IP 67)
		2551.50.006 Control light 3-colour LED		

Accessories: Terminals with plastic housing

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Accessories	Order No.:	3800 P No.	3810 P No.	3820 P No.
Stands				
Wall/stand bracket 38xx, stainless steel (required for bench and floor stand)	2503.	30.005	30.005	30.005
Table stand stainless steel, pluggable, height = 400 mm	2504.	08.006	08.006	08.006
Shortening of the bench stand to height = 200 mm (in connection with bench stand)	2504.	08.007	08.007	08.007
Floor stand with floor plate 200 x 200 mm, painted, approx. height: 1,150 mm	2504.	10.001	10.001	10.001
Stand base, painted, 390 x 390 mm (for floor stand - for free standing)	2504.	11.001	11.001	11.001
Floor stand with floor plate 200 x 200 mm, stainless steel, approx. height: 1,150 mm	2504.	20.001	20.001	20.001
Stand base, stainless steel, 390 x 390 mm (for floor stand - for free standing)	2504.	21.001	21.001	21.001
Approv.				
Alibi memory installed*	2792.			40.002
Plug-in connection with ident chip installed, approvable separating point between scale and display, e.g. floor mounting*	2550.	05.002	05.002	05.002
Plug-in connection with ident chip installed, straight plug D = 20 mm, approvable separating point between scale and display*	2550.	05.004	05.004	05.004
Interfaces/Data cable				
USB 2.0 cable 3 m with 2 plugs A-plug, B-plug, for IP 42 version (for integrated virtual serial USB interface and keyboard wedge)	2550.	03.022	03.022	03.022
Interface module Ethernet incl. RJ45 socket, keyboard wedge (cable 2550.03.022 required) + traffic light connection and slot for serial interface* (only for IP 42 variants)	2563.		50.001	50.001
Interface module Ethernet with 10 m patch cable + control light connection and slot for serial interface* (only for IP 67 variants)	2563.		50.002	50.002
Extension module for serial interface (2 slots) and control light connection* (optional interface modules required)	2558.		06.001	06.001
RS422/485 interface installed* (module 2563.50.00x / 2558.06.001 required)	2563.		49.003	49.003
RS 232 interface installed, 5-pin* (module 2563.50.00x / 2558.06.001 required)	2563.		21.007	21.007
IT cable 2 m, 5 pin – 9 pin	2550.		03.002	03.002
IT cable 2 – 10 m, 5 pin – 9 pin	2550.		00.008	00.008
USB data cable, connection 38xx (IP 67) - PC, cable length 2 m	2550.		03.011	03.011
WLAN module configured incl. internal antenna* (Module 2563.50.00x / 2558.06.001 required)	2563.		10.011	10.011
Bluetooth® interface incl. internal antenna, as kit* (Module 2563.50.00x / 2558.06.001 required)	2563.		12.005	12.005
Bluetooth® interface incl. internal antenna* (Module 2563.50.00x / 2558.06.001 required)	2563.		12.002	12.002
Dataset format, customer-specific	5751.		01.002	01.002
Printer				
Label printer, print width up to 108 mm (thermo-direct)	2795.		20.001	20.001
Printer cable, 5-pin - 9-pin, 2 m (for printer 2795.20.001)	2550.		03.010	03.010
Label printer with cut-off device, print width up to 104 mm (thermo-direct)	2795.		12.002	12.002
Tape printer, paper width up to 76 mm (9 pin)	2795.		14.005	14.005
Printer cable, 5-pin - 25-pin, 2 m (for printer 2795.12.002 / 2795.14.005)	2550.		03.007	03.007
Printer cable, 5-pin - 25-pin, 2-10 m (for printer 2795.12.002 / 2795.14.005)	2550.		00.009	00.009
Print format design, customer-specific	5751.		01.001	01.001
Dataset/print format installation of existing or provided data	5751.		01.004	01.004
Contr. light				
Large display LED 95 mm, 5 pin plug with 10 m cable	2562.		01.004	01.004
Second display LED 38 mm, 5 pin plug with 15 m cable	2562.		12.001	12.001
Control light, 4 lights* (Module 2563.50.00x / 2558.06.001 necessary)	2551.		04.001	04.001
Control light, 3-colour LED* (extension module 2558.06.001, interface module 2563.50.001 (IP42) or 2563.50.002 (IP67) required)	2551.		50.006	50.006
Software				
PC service programme (data set and print image design)	2564.		10.003	10.003
SSC Pro MC, comprehensive software programme for transferring scale data to a PC programme (with activation code)	2564.	20.017	20.017	20.017
Price computing software for price labelling	2564.			50.001
Software for linking scale to SAP R/3, single-user solution for SAP GUI via RS 232, USB or Ethernet	2564.	20.006	20.006	20.006
Software for linking scale to SAP R/3, Server solution via Ethernet	2564.		20.010	20.010

Please include the Order No. + P No. when placing your purchase order.
* Any required options must be included in the purchase order. Retrofits are not possible.

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Inputs / outputs with options

For terminals with plastic housing

Accessories	Order-Nr.	3800 P-No.	3810 P-No.	3820 P-No.
Battery incl. charging circuit mounted for mains-free operation*	2557.	40.005	40.005	40.005
Protective cap USB B for terminals IP 42, set of 10	2507.	02.005	02.005	02.005
Protective cap USB B for terminals IP 42, set of 25	2507.	02.006	02.006	02.006
UK interchangeable adapter	2557.	25.002	25.002	25.002
US interchangeable adapter	2557.	25.004	25.004	25.004
Printed nameplate	2512.			06.004

Miscell. (vertical label)

Please state the order no. + P no. when ordering.
* Options must be ordered at the same time if required. Retrofitting is not possible.

Figure Protective cap USB B

Terminals IP 42

1 USB keyboard wedge
2 Ethernet
3 Output for interface slot 2
   (RS232, RS422/RS485)
4 Output for interface slot 3
   (RS232, RS422/RS485)
5 I/O socket (for control light)
6 Scale connection
7 USB (virtual RS232)
8 Power supply
9 Battery compartment

Terminals IP 67

2 Ethernet
3 Output for interface slot 2
   (RS232, RS422/RS485)
4 Output for interface slot 3
   (RS232, RS422/RS485)
5 I/O socket (for control light)
6 Scale connection
7 USB (virtual RS232)
8 Power supply
9 Battery compartment
10 Pressure compensation membrane

Base terminal 3010

For rough environments

MADE IN GERMANY

Weighing and taring
Totalising and order picking
Counting and count checking
Checking
Withdrawal weighing
Dynamic switching
Dosing

Features
▶ Approvable, class III, resolution up to 10.000 e
▶ Weighing range 0 – 120.000 kg
▶ Protection class IP 40 or IP 67
▶ Functions: Weighing and taring, counting, totalising, order picking, withdrawal weighing, dynamic switching, checking, count checking, dosing
▶ 1 measuring point included, second measuring point optional
▶ Integrated power supply, 100 – 240 V AC, 50 – 60 Hz, Cable length 2.3 m

Housing
▶ Compact housing made from 1.4301 stainless steel, protection class: IP 40, for dry operating conditions protection class IP 67, suited for rough operating conditions
▶ Optionally available as control cabinet version
▶ Integrated power supply, cable fed via sealed cable gland
▶ Pressure is compensated by gas-permeable membrane (IP 67)
▶ Top-hat rail mount available as an option

Display & Keyboard
▶ Backlit LC display, digit height 16 mm
▶ Three red / yellow / green LEDs as indicator lights
▶ Simple operation via 10 keys

Connectivity options
▶ Up to two analog measuring points can be connected internally
▶ Approvable resolution up to 10.000 e / 3 x 3.000 e with corresponding load cells
▶ Barcode scanner can be connected via RS 232
▶ Second display

Interfaces
In total up to 3 peripheral devices can be connected to Terminal 3010. The following interfaces are optionally available:
▶ Serial interfaces RS 232, RS 422, RS 485
▶ USB-interface
▶ Ethernet
▶ Profinet / Profibus DP / Ethernet IP
▶ I/O card with variable function application, 4 inputs and 6 outputs
▶ Analog output

Approvable alibi memory via data memory
▶ Micro SD card with 4 GB storage capacity for 2 million entries (optional)

ATEX zone
▶ The Basic Terminal 3010 is available as an ATEX version for use in ATEX zone 2/22.

Order No.	Order no. Set of 5	Configuration	Delivery time Week
3010.02.001	3010.02.001-5er	Protection class IP 40	1
3010.02.002	3010.02.002-5er	Protection class IP 67	1
3010.02.003	3010.02.003-5er	Protection class IP 67, ATEX zone 2/22	1
3010.32.001	3010.32.001-5er	Control cabinet, built-in, protection class IP 42	1
3010.22.001	3010.22.001-5er	Mobile, with rechargeable battery (battery life approx. 35 hours depending on setting), protection class IP 67	1

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Optional

Terminal 3025

For diverse applications

- Weighing and taring
- Totalising and commissioning
- Counting and count checking
- Checking
- Dynamic switching

Features

- Approvable, class III, up to 10.000 e
- Protection class IP 67
- 5 application programs: Weighing and taring, totalising and order picking, counting and count checking, checking, dynamic switching
- Fixed value memory for 999 fixed values per memory (option)
- 4 organization data memories, e.g. for article number, customer number, or shipping ticket number, 6 lines with 35 characters each
- Barcode management with 10-fold filter and multiscan function

Housing

- Compact housing made from 1.4301 stainless steel, protection class IP 67, suited for rough operating conditions
- Integrated power supply, 100 – 240 V, 50 60 Hz, Cable length 2.3 m
- Pressure is compensated by gas-permeable membrane

Display & Keyboard

- Easy-to-read 3.5" TFT colour display (QVGA 320 x 240 pixels)
- Adjustable background color (green, white, light blue, yellow, blue, magenta and red), backlight dimmable from 30 - 100%
- Control function as control light
- Digit height 11 mm
- Membrane keypad with alphanumeric key input for a convenient operation

Connectivity options

- One measuring point included and two optional
- Approvable resolution up to 10.000 e / 3 x 3.000 e with corresponding load cells
- A digital reference scale can be connected via RS 232 interface

Interfaces

A total of up to 6 devices (digital reference scale, scanner, data logger, printer, etc.) can be connected to the 3025 terminal. The following interfaces are optionally available:

- 2 serial interfaces RS 232 / RS 422 / RS 485 (pluggable)
- 1 USB interface for PC keyboard, EDP, data logger, keyboard wedge, etc.
- 1 Ethernet interface
- 1 Bluetooth® interface or WLAN (pluggable)
- 1 I/O card with 4 inputs and 6 outputs

USB applications available

for connections as

- PC keyboard
- Keyboard insertion
- Data logger via USB stick
- IT integration

Further functions

- User password with login function
- IT management
- Remote Maintenance / Analysis

Options

- Memory card (micro SD card) for alibi storage with a capacity for 4 million entries. Alibi memory for the transfer of weight values from a verified scale to an EDP system as required by legal metrology. Also for the storage of fixed values and for the installation of software updates and data backup
- Application software for data maintenance of read-only memories
- Relay box for voltages up to 250 V / 3 A (AC) and 24 V / 3 A (DC)
- Further options see accessories list on page 97

Order No.	Order no. Set of 5	Configuration	Delivery time Week
3025.01.001	3025.01.001-5er	Terminal with RS232 incl. internal measuring point	1
3025.01.002	3025.01.002-5er	Terminal with USB incl. internal measuring point	1

Optional

Terminal 3035 / 3035*plus*

For complex applications

Terminal 3035

Terminal 3035*Plus* - new features see next page

- Weighing and taring
- Totalising and order picking
- Counting
- Checking
- Classifying
- Formulation
- Neutral measuring
- Vehicle weighing
- Dynamic shifting
- Weighing in percent

Features
- ▶ Approvable, class III, up to 10.000 e
- ▶ Protection class IP 67
- ▶ 10 application programs: Weighing and taring, totalising and order picking, counting, checking, classifying, recipe weighing, neutral measuring, vehicle weighing, dynamic switching, percent weighing
- ▶ 32 keys, alphanumeric data entry
- ▶ Fixed memory for 999 fixed values per memory or database module up to 50,000 fixed value memories for the applications counting (Ref.-Fix), checking (Kontr.-Fix) and classifying (Klass.-Fix), (option for terminal 3035plus)
- ▶ 4 organization data memories, e.g. for article number, customer number, or shipping ticket number, 6 lines with 35 characters each
- ▶ Adjustment function with direct weight control and subsequent 3-fold support point setting in the adjustment process

Housing
- ▶ Compact housing made from 1.4301 stainless steel, protection class IP 67, suited for rough operating conditions
- ▶ Integrated power supply, 100 – 240 V, 50 60 Hz , cable length 2.3 m
- ▶ Pressure is compensated by gas-permeable membrane

Display & keyboard
- ▶ Large color display TFT 5.7" (QVGA 320 x 240 pixels)
- ▶ Adjustable background color (green, white, light-blue, yellow, blue, magenta, and red), background lighting dimmable from 30 – 100 %
- ▶ Control function as control light
- ▶ Digit height 11 mm
- ▶ Membrane keypad with alphanumeric key input for a convenient operation

Connectivity options
- ▶ One measuring point included and two optional
- ▶ A digital reference scale can be connected via RS 232 interface
- ▶ Up to 29 measurement locations in total
- ▶ Approvable resolution up to 10.000 e / 3 x 3.000 e with corresponding load cells
- ▶ Barcode scanner can be connected via RS 232 interface
- ▶ External PC keyboard via USB

Interfaces
- ▶ Standard equipment with one data interface RS 232 or USB
- ▶ Other interfaces are optionally available (e.g. RS 232, RS 422, RS 485)
- ▶ Various fieldbus couplings such as Profibus DP, certified ProfiNET interface with module module for the SPS connection
- ▶ Printers, control and inventory management systems can be integrated

Barcodemanagement
- ▶ With 10x filter and multi-scan function

USB application option
for connection as
- ▶ PC keyboard
- ▶ Keyboard integration
- ▶ Data logger via USB stick
- ▶ EDP connection

Memory card
- ▶ Memory card (micro SD card) for alibi storage with additional field for tracking via unique customer reference number. Alibi memory for the transfer of weight values from a verified scale to an EDP system as required by legal metrology
- ▶ Fixed value memory
- ▶ Software update
- ▶ Data backup for USER/ECAL- settings and print image

Display design options for
- ▶ Colour (see Features)
- ▶ Pilot light function (see Display & Keypad)
- ▶ Variable display indications for different operator applications in the information field or secondary display

EDP management
- ▶ New EDP commands <H>, <G> and <I>
- ▶ User password with login function
- ▶ Q commands (acknowledgement or confirmation of execution)
- ▶ Remote maintenance / analysis

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Optional

Terminal 3035 / 3035*plus*

Options

▶ I/O card with variable function application, 4 inputs and 6 outputs
▶ User software for data maintenance Read-only memory
▶ For further options see accessories list from page 97
▶ Solution for wheel load weighing: Terminal composite scale 3035.02 / 3035.03 and 2 additional measuring points 2554.10.005 and mounting kit for two additional measuring points 2554.10.006

New functions 3035*plus*

▶ Access via integrated web server
▶ Database module with up to 50,000 entries in the counting, checking and classifying programme and data logging to a file (optional))
▶ DHCP network connection
▶ Connection of network printers
▶ QR code display option
▶ Processing of up to 15 process steps (batch jobs)
▶ Dynamic function key assignment F1-F6
▶ Generic memory (variable value memory and counter)

Terminal 3035

Order No.	Order no. Set of 5	Configuration	Delivery time Week
3035.01.001	3035.01.001-5er	Terminal with RS 232, incl. internal measuring point	1
3035.01.002	3035.01.002-5er	Terminal with USB, incl. internal measuring point	1
3035.02.001	3035.02.001-5er	Terminal composite scale with RS 232 incl. 2 measuring points and custom software	1
3035.02.002	3035.02.002-5er	Terminal composite scale with USB incl. 2 measuring points and custom software	1
3035.03.001	3035.03.001-5er	Terminal composite scale Webserver with RS 232 incl. 2 measuring points, Ethernet and alibi memory	1
3035.03.002	3035.03.002-5er	Terminal composite scale Webserver with USB incl. 2 measuring points, Ethernet and alibi memory	1
3035.30.001	3035.30.001-5er	Terminal with RS 232, control cabinet version	1
3035.01.003	3035.01.003-5er	Terminal 3035 with RS 232 interface incl. internal measuring point, ATEX zone 2/22	1
3035.01.004	3035.01.004-5er	Terminal 3035 with USB interface incl. internal measuring point, ATEX zone 2/22	1

Terminal 3035*plus*

Order No.	Order no. Set of 5	Configuration	Delivery time Week
3035.11.001	3035.11.001-5er	Terminal 3035*plus* with RS 232 interface incl. Ethernet interface 10 m patch cable and data/alibi memory	1
3035.11.002	3035.11.002-5er	Terminal 3035*plus* with USB interface incl. Ethernet interface 10 m patch cable and data/alibi memory	1
3035.31.001	3035.31.001-5er	Terminal 3035*plus* with RS 232 interface incl. Ethernet interface 10 m patch cable and data/alibi memory, control cabinet installation	1
3035.11.003	3035.11.003-5er	Terminal 3035*plus* with RS 232 interface incl. Ethernet interface 10 m patch cable and data/alibi memory, EX zone 2/22	1
3035.11.004	3035.11.004-5er	Terminal 3035*plus* with USB interface incl. Ethernet interface 10 m patch cable and data/alibi memory, EX zone 2/22	1

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Accessories	Order No.	3010	3010.22	3025	3035 / 3035^{plus}
		P-No.	P-No.	P-No.	P-No.
Stands					
Wall/stand holder 30xx, stainless steel (required for table and floor stand)	2503.	30.007	30.007	30.007	30.008
Table holder (extension set in conjunction with wall/stand holder)	2503.	30.004	30.004	30.004	30.004
Table stand stainless steel, pluggable, height = 400 mm	2504.	08.006	08.006	08.006	08.006
Shortening of table stand to H = 200 mm (in connection with table stand)	2504.	08.007	08.007	08.007	08.007
Floor stand with floor plate 200 x 200 mm, painted, approx. height: 1,150 mm	2504.	10.001		10.001	10.001
Stand base, painted, 390x 390 mm	2504.	11.001		11.001	11.001
Floor stand with floor plate 200 x 200 mm, stainless steel, approx. height: 1,150mm	2504.	20.001		20.001	20.001
Stand base, stainless steel, 390 x 390 mm	2504.	21.001		21.001	21.001
Approvable Accessories					
Alibi memory Micro-SD 4GB, as installation kit (3025/3035 also for fixed value memory and software upate, already included in 3035^{plus})	2792.	40.001	40.001	40.001	40.001
Alibi memory Micro-SD 4GB, installed (3025/3035 also for fixed value memory and software update, already included in 3035^{plus})	2792.	40.003	40.003	40.003	40.003
Plug-in connection with ID chip as installation kit, approvable section point between scale and display, e.g. for in-ground installation	2550.	05.001	05.001	05.001	05.001
Plug-in connection with ID chip installed, approvable section point between scale and display, e.g. for in-ground installation	2550.	05.002	05.002	05.002	05.002
Plug-in interface with ID chip, straight plug D=20 mm installed, approvable section point between scale and display	2550.	05.004	05.004	05.004	05.004
Interfaces/Data cables					
RS 232 interface installed	2563.	21.002	21.002	21.002	21.002
Data cable, 9 pin connector 30xx – PC, cable length: 2 m	2550.	03.002	03.002	03.002	03.002
Data cable, 9 pin connector 30xx – PC, cable length: 2 – 10 m	2550.	00.008	00.008	00.008	00.008
RS 232 interface as installation kit	2563.	21.001	21.001	21.001	
1st RS 232 interface as installation kit (for USB-terminal)	2550.			03.029	03.029
3rd RS 232 interface installed	2563.	21.006	21.006	21.006	21.006
3rd RS 232 interface as installation kit	2563.	21.005	21.005	21.005	21.005
USB interface installed	2563.	47.002	47.002		
USB data cable, connector 30xx – PC, cable length: 2 m	2550.	03.011	03.011	03.011	03.011
USB interface as installation kit	2563.	47.001	47.001		
USB cable kit in the unit, as installation kit / installed	2550.			03.026	03.026
Ethernet interface installed, incl. 10 m patch cable	2563.	45.005	45.005		
Ethernet interface as installation kit, incl. 10 m patch cable	2563.	45.004	45.004		
Ethernet interface installed, incl. 10 m patch cable	2550.			03.025	03.025
Ethernet interface as installation kit, incl. 10 m patch cable	2550.			03.024	03.024
Ethernet interface mounted incl. 10 m patch cable (CAT. 7)	2563.	45.009	45.009		
Ethernet interface as a kit incl. 10 m patch cable (CAT. 7)	2563.	45.008	45.008		
Ethernet interface Connection mounted incl. 10 m patch cable (CAT. 7)	2550.			03.050	03.050
Ethernet interface connection as a kit incl. 10 m patch cable (CAT. 7)	2550.			03.049	03.049
EthernetIP (CIP) interface 3010	2563.	48.002			
EtherCAT interface mounted (only 3035 / 3035^{plus})	2563.				28.002
EtherCAT interface as kit (only 3035 / 3035^{plus})	2563.				28.001
RS 422 / RS 485 interface module installed	2563.	49.002	49.002	49.002	49.002
RS 422 / RS 485 interface module as installation kit	2563.	49.001	49.001	49.001	49.001
Analog interface installed	2563.	44.004			
Analog interface as installation kit	2563.	44.003			
Profibus DP, installed	2563.	42.008			25.002
Profibus DP, as installation kit	2563.	42.007			25.001
Profinet (2 ports), installed incl. module	2563.	42.006			26.002
Profinet (2 ports), as installation kit incl. module	2563.	42.005			26.001
WLAN module configured incl. internal antenna, installed	2563.	10.012	10.012	10.012	10.012
WLAN module configured incl. internal antenna, as installation kit	2563.	10.013	10.013	10.013	10.013
Bluetooth® interface incl. internal antenna installed	2563.	12.003	12.003	12.003	12.003

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Accessories	Order No.	3010 P-No.	3010.22 P-No.	3025 P-No.	3035 / 3035^{plus} P-No.
Bluetooth® interface incl. internal antenna as installation kit	2563.	12.004	12.004	12.004	12.004
Data cable for scanner / Precisa / printer 2795.20, cable length: 2 m	2550.	03.010	03.010	03.010	03.010
Data cable for Vibra to 3035	2550.			03.023	03.023
Data cable for Sartorius to 3035, circular connector	2550.			03.031	03.031
Data cable for Sartorius an 3035, 25-pin.	2550.			03.036	03.036
Data cable for Radwag an 3035	2550.			03.032	03.032
Measuring point mounted (3035: Measuring Point for filter type 2)	2554.				10.002
Measuring point mounted (3010: filter type 3)	2554.	40.005	40.005		
Measuring point installed (3025/3035: Measuring point for filter type 3)	2554.			10.005	10.005
Measuring point as installation kit (3035: Measuring point for filter type 2)	2554.				10.001
Measuring point as a kit (3010: filter type 3)	2554.	40.004	40.004		
Measuring point as installation kit (3025/3035: Measuring point for filter type 3)	2554.			10.004	10.004
Mounting kit for 3rd and 4th measuring point ass. (wheel load scale)	2554.				10.008

I/O

Accessories	Order No.	3010 P-No.	3010.22 P-No.	3025 P-No.	3035 / 3035^{plus} P-No.
I/O module relay*, as installation kit with socket and cable fitting (3010 only with cable fitting)	2563.	20.004		20.004	20.004
I/O module relay*, installed with socket	2563.			20.005	20.005
I/O module relay*, installed with cable fitting	2563.	20.006		20.006	20.006
I/O module PNP**, as installation kit with socket and cable fitting	2563.	20.007		20.007	20.007
I/O module PNP,** installed with socket	2563.			20.008	20.008
I/O module PNP**, installed with cable fitting	2563.	20.009		20.009	20.009

Software

Accessories	Order No.	3010 P-No.	3010.22 P-No.	3025 P-No.	3035 / 3035^{plus} P-No.
PC user programme for transferring fixed values (compatible with Windows® 7, 8, 10,11)	2564.			12.002	12.002
PC service programme (data set and print image design)	2564.	10.003	10.003	10.003	10.003
Scale Connect Pro, comprehensive software programme for transferring scale data to a PC programme (with activation code)	2564.	20.017	20.017	20.017	20.017
Software for linking scale to SAP R/3, to link scale via RS 232, USB or Ethernet	2564.	20.006	20.006	20.006	20.006
Keyboard wedge USB, for RS 232 scale interface to PC USB interface (additionally required is a data cable, 9 pin connector 30xx – PC)	2563.	00.008	00.008		
Price labelling 3035 Special software + configuration (only in order with a terminal 3035)	2564.				50.002
USB adapter cable for PC keyboard / datalogger	2550.			03.027	03.027
USB converter USB to RS 232	2550.	03.020	03.020	03.020	03.020
USB stick 64 GB for data logger application	2564.			00.004	00.004

Displays/Control lights

Accessories	Order No.	3010 P-No.	3010.22 P-No.	3025 P-No.	3035 / 3035^{plus} P-No.
Large display LED 95 mm, 5 pin plug with 10 m cable	2562.	01.004		01.004	01.004
Second display LED 38 mm, 5 pin plug with 15 m cable	2562.	12.001		12.001	12.001
Control light 4 lights, power cable 2 m, connection cable 1.5 m (I/O module required)	2551.	40.001		20.001	20.001
Control light, 3-colour LED, connection cable 2 m (I/O module required)	2551.	50.005		50.005	50.005
I/O module, as installation kit for control light 2551.50.005	2563.	40.016			
I/O-module, installed for control light 2551.50.005	2563.	40.017			
I/O module, as installation kit for control light 2551.50.005	2563.			20.013	20.013
I/O-module, installed for control light 2551.50.005	2563.			20.014	20.014

Printers/Scanners

Accessories	Order No.	3010 P-No.	3010.22 P-No.	3025 P-No.	3035 / 3035^{plus} P-No.
Label printer with cut-off device, print width up to 104 mm (thermo-direct), RS 232	2795.	12.002	12.002	12.002	12.002
Label printer, print width up to 108 mm (thermo-direct)	2795.	20.001	20.001	20.001	20.001
Data cable for scanner / Precisa / printer 2795.20, cable length: 2 m	2550.	03.010	03.010	03.010	03.010
Tape printer, paper width up to 76 mm (9 pin), RS 232	2795.	14.005	14.005	14.005	14.005
Printer cable, 25 pins for printer 2795.14 and 12.001, cable length: 2 m	2550.	03.007	03.007	03.007	03.007
Printer cable, 25 pins for printer 2795.14 and 12.001, cable length: 2 – 10 m	2550.	00.009	00.009	00.009	00.009
Portable scanner, wire connection, incl. bench stand bracket and power supply	2553.	20.005	20.005	20.005	20.005
Wireless portable scanner Bluetooth®, incl. rechargeable battery, base station, RS 232 cable and power supply	2553.	23.002	23.002	23.002	23.002
Print format design, customer-specific	5751.	01.001	01.001	01.001	01.001
Dataset format, customer-specific	5751.	01.002	01.002	01.002	01.002
Dataset/print format installation of existing or provided data	5751.	01.004	01.004	01.004	01.004

* Relay: output current 0.5 A   ** PNP: Output current 0.1 A

Accessories		Order No.	3010	3010.22	3025	3035 / 3035plus
			P-No.	P-No.	P-No.	P-No.
Miscellaneous	Relay box (I/O module required) 2 outputs / 4 inputs	2552.	40.001	40.001	30.001	30.001
	Relay box (I/O module required) with power supply, 6 outputs / 4 inputs	2552.	41.002		31.001	31.001
	DC / DC converter 12 V - 60 V as installation kit with 5 m cable	2561.	40.003		40.003	40.003
	DC / DC converter 12 V - 60 V installed with 5 m cable	2561.	40.004		40.004	40.004
	UK power supply installed	2570.	01.001		01.001	01.001
	US power supply installed	2570.	01.002		01.002	01.002
	CH power supply installed	2570.	01.003		01.003	01.003
	Name plate, blank	2512.	09.001		07.001	07.001
	Name plate, with entries	2512.	09.002	05.002	07.002	07.002
	Database module 3035plus (extension of the data records to be stored when counting, checking and classifying from 999 to 50,000 or data logging to one file)	2563.				27.003
	Control/database module 3035 (via RS 232, before ordering - clarification of application)	2563.				27.002
	Top-hat rail mounting kit for 35 x 7.5 mm top-hat rails (for terminal 3010.02.001 / 3010.02.002 / 3010.02.003)	2503.	31.001			

Please state the order no. + P no. when ordering.

Illustrations accessories

Wall bracket

Alibi memory
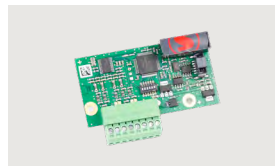
Interface Measuring point

Plug-in connection

Interface
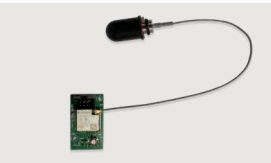
WLAN / Bluetooth® module

Ethernet interface

Profibus
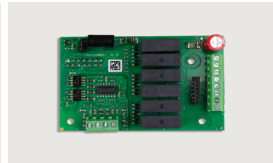
E/A-Modul Relais
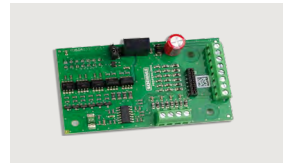
E/A-Modul Relais PNP

DC/DC converter

Printer and data cables

Scanner

Control lights

Relay box

Possible combinations basic terminal 3010

Option / Schnittstelle	Measuring point 1	Measuring point 2	RS 232 decoupled	RS 422 / RS 485	USB	Bluetooth® / WLAN	I/O card	Ethernet	Analogue output	Profibus / Profinet	Ethernet IP
Measuring point 2	●		□	□	□	□	□	□	□	□	□
RS 232 decoupled	●	○		△	△	△	△	△	△	△	△
RS 422 / RS 485	●	○	△		△	△	△	△	△	△	△
USB	●	○	△	△		△	△	△	△	△	△
Bluetooth® / WLAN	●	○	△	△	△		△	△	△	△	△
I/O card	●	○	△	△	△	△		△	△	△	△
Ethernet	●	○	△	△	△	△					
Analogue output	●	○	△	△	△	△	△				
Profibus / Profinet	●	○	△	△	△	△	△				
Ethernet IP	●	○	△	△	△	△	△				
Battery	●	○	□	□	□	□		□			

Can be combined with the following options

- ● Included as standard
- ○ Option can be used at any time
- △ Another additional option can be connected
- □ Another additional option can be connected
- Combination not possible

Accessories: Possible combinations

Possible combinations terminal 3025

Option / Interface	Measuring point 1	Measuring point 2	RS 232 decoupled	USB	RS 422 / RS 485	Ethernet	Bluetooth®	I/O card
Measuring point 2	●	■	◊	○	□	○	□	○
RS 232 entkoppelt	●	○	□	○	□	○	□	○
USB	●	○	◊	■	□	○	□	○
RS 422 / RS 485	●	○	□	○	△	○	△	○
Ethernet	●	○	◊	○	□	■	□	○
Bluetooth®	●	○	□	○	△	○	■	○
I/O card	●	○	◊	○	□	○	□	■

Header: Can be combined with the following options

Legend:
- ● Included as standard
- ○ Option can be used at any time
- △ Another additional option can be connected
- □ Still two additional options connectable
- ◊ Three additional options can still be connected
- ✦ No further combination possible
- ■ Combination not possible

Note: The table shows the possibilities of the hardware slots, restrictions for combinations of applications are still possible.
For example: The EDP application can only be used once.

Possible combinations terminal 3035

Option / Interface	Measuring point 1	Measuring point 2	Measuring point 3	RS 232 decoupled	USB	RS 422 / RS 485	Ethernet	Bluetooth® / WIFI	I/O card	Profibus	Profinet	EtherCAT
Measuring point 2	●	■	○	◊	○	□	○	□	○	□	□	□
Measuring point 3	●	○	■	◊	○	□	○	□	○	□	□	□
RS 232 decoupled	●	○	○	■	□	○	□	○	□	□	□	□
USB	●	○	○	◊	■	□	○	□	○	□	□	□
RS 422 / RS 485	●	○	○	□	○	△	○	△	○	△	△	△
Ethernet	●	○	○	◊	○	□	■	□	○	□	□	□
Bluetooth® / WIFI	●	○	○	□	○	△	○	■	○	△	△	△
I/O card	●	○	○	◊	○	□	◊	□	■	□	□	□
Profibus	●	○	○	□	○	△	□	△	○	■	■	■
Profinet	●	○	○	□	○	△	□	△	○	■	■	■
EtherCAT	●	○	○	□	○	△	□	△	○	■	■	■

Header: Can be combined with the following options

Possible combinations terminal 3035plus

Option / Interface	Memory card	Ethernet	Measuring point 1	Measuring point 2	Measuring point 3	RS 232 decoupled	USB	RS 422 / RS 485	Bluetooth® / WIFI	Database module	I/O card	Profibus	Profinet	EtherCAT
Measuring point 2	●	●	●	■	○	□	○	□	□	△	○	□	□	□
Measuring point 3	●	●	●	○	■	□	○	□	□	△	○	□	□	□
RS 232 decoupled	●	●	●	○	○	■	○	□	□	✦	○	□	□	□
USB	●	●	●	○	○	□	■	□	□	△	○	□	□	□
RS 422 / RS 485	●	●	●	○	○	△	○	△	△	✦	○	△	△	△
Bluetooth® / WIFI	●	●	●	○	○	△	○	△	■	✦	○	△	△	△
Database module	●	●	●	○	○	✦	○	✦	✦	■	○	■	■	■
I/O card	●	●	●	○	○	□	○	□	△	△	■	□	□	□
Profibus	●	●	●	○	○	△	○	△	△		○	■	■	■
Profinet	●	●	●	○	○	△	○	△	△		○	■	■	■
EtherCAT	●	●	●	○	○	△	○	△	△		○	■	■	■

Header: Can be combined with the following options

A/D converter 3005 Profi

Capturing measuring data in industrial applications

Features

▶ For fast processes – optimized filter
▶ Many interface versions available
▶ User-configurable transmission formats
▶ ABS plastic housing, protection class IP 65
▶ Technical weighing functions: weighing, taring, checking, switching, and dosing
▶ Internal resolution: 16 million parts
▶ Reading rate: 80 per second
▶ Power supply: 24 V DC
▶ Configuration with 3005 service software (included in supplied scope). Please order data cable for configuration.

Order No.	Configuration	Dimensions mm	Delivery time Week
3005.01.001	A/D converter Profi, with RS 232 interface (basic)	82 x 80 x 57	1
3005.05.001	A/D converter Profi, with RS 232 interface and Profibus DP	160 x 80 x 57	1
3005.06.001	A/D converter Profi, with RS 232 interface and I/O module	160 x 80 x 57	1
2506.40.004*	A/D converter Profi, integrated in stainless steel weighing platform 2861, incl. power supply	platform: 400 x 300 x 75	1

* Surcharge

Order No.	Accessories
2563.21.002	RS 232 interface (opto-decoupled), installed
2563.21.001	RS 232 interface (opto-decoupled), as installation kit
2550.03.002	Data cable, 9 pin connector 3005 – PC, cable length: 2 m
2550.00.008	Data cable, 9 pin connector 3005 – PC, cable length: 2 – 10 m
2563.47.002	USB interface installed
2563.47.001	USB interface, installation kit
2550.03.011	USB data cable, connector 3005 – PC, cable length: 2 m
2563.65.002	Ethernet interface, incl. 10 meter Ethernet cable and RJ 45, installed
2563.65.001	Ethernet interface, incl. 10 meter Ethernet cable and RJ 45, installation kit
2510.00.006	Top hat rail installation adapter for 3005.01.001
2510.00.007	Top hat rail installation adapter for 3005.05.001 and 3005.06.001
5908.08.002	Power supply for A/D converter 3005, installed 24V/220 mA

Analog amplifier CPJ

Capturing measuring data in industrial applications

Features

▶ The CJP can be used to connect 4 load cells with 350 Ω
▶ 4 or 6 conductor technology
▶ Output voltage: + / -10 VDC or 0 – 10 VDC
▶ Output current: 4 – 20 mA
▶ Signal filtering
▶ For installation on DIN tophat rail

Order No.	Configuration	Dimensions mm	Delivery time Week
2730.02.001	Analog amplifier	120 x 107 x 22,5	1

12

NEW

For transmitting scale data to IT systems

MADE IN
GERMANY

Scale Mobile App

For remote control, data logging and monitoring

▶ **Scale Mobile Basic**
For Soehnle Professional terminals (no further profile setting)
Without export function and control
Available free of charge.

▶ **Scale Mobile Pro**
For Soehnle Professional terminals (no further profile setting)
With export function and control
90 days free

▶ **Scale Mobile Ultra**
With further profile setting options for third-party products
With export function and control
90 days free

Only available online in the following stores:

JETZT BEI
Google Play

Laden im
App Store
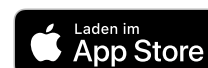
NEW

Scale Connect Pro MC

For communication connection to a Microsoft
Windows® computer/server.

MC = Multi Connect. Communication connection and data processing of
multiple scales in the CSV file and data logging applications.
(With activation code)

Connection and connection options
Variable configuration via the creation of a profile management
for the interfaces
▶ Ethernet as IP client
▶ Serial as COM
USB as virtual COM
Bidirectional communication can accept and send data.

▶ **Data processing / functions**
▶ Data filtering and various action options, with up to 16 filters / actions
▶ Communication window for displaying the bidirectional data traffic
▶ 3 buttons with variable setting options for EDP commands to the scale,
e.g. data request, zeroing and taring

Data transfer
▶ Export and storage in a csv file
Keyboard loop-in with the option to set or select a target window / pro-
gramme of a target window / programme
▶ Log file for backing up all communication data, filtered or unfiltered

Systemvoraussetzungen
▶ MS - Windows® 10 and 11
▶ Windows® Server from 2016, 2019 and 2022

MADE IN
GERMANY

Order No.	Configuration
2564.20.017	SSC Pro MC multiple application single licence
2564.20.018	SSC Pro MC multiple application 2-4 licences
2564.20.019	SSC Pro MC multiple application from 5 licences

Quantity scale for use at the same installation site

Alibi software, approvable

Features

► Approvable data memory for weighing and dimension readings
► For MS Win computers (Windows® XP, Vista, Windows® 7, 8 und 10, min. 32 bit)
► For devices with RS 232 interface
► Data forwarding to a host computer
► Independent of manufacturer

Order No.	Configuration
2564.01.001	Alibi software

MADE IN GERMANY

SAP© integration

Features

► PC software to link Soehnle Professional scales to the SAP© packing table
► Connection via RS 232, USB or Ethernet

Order No.	Configuration
2564.20.006	Integration of SAP© R/3, Single-user solution for SAP GUI, main licence
2564.20.012	from 2 subsequent licences* (price from the 2nd unit)
2564.20.010	Integration of SAP© R/3, server solution, main licence
2564.20.013	from 2 subsequent licences* (price from the 2nd unit)

* quantity discount for usage at the same place of installation

MADE IN GERMANY

Keyboard wedge

Features

► Pressing a key transmits the dataset from the scale to the cursor position
► For RS 232 scale interface to PC USB interface
► Independent of software
► Additionally required: data cable 2550.03.002, 9 pin connection 30xx-PC

Order No.	Configuration
2563.00.008	Keyboard wedge
5751.01.002	Customized dataset formatting

PC application software

Features

► For transmission of fixed values with terminals 3025 and 3035
► Compatible with Windows® 7, 8 , 10 and 11

Order No.	Configuration
2564.12.002	PC application software

Software and licensing terms and conditions, see: www.soehnle-professional.com/en/software-license-agreement
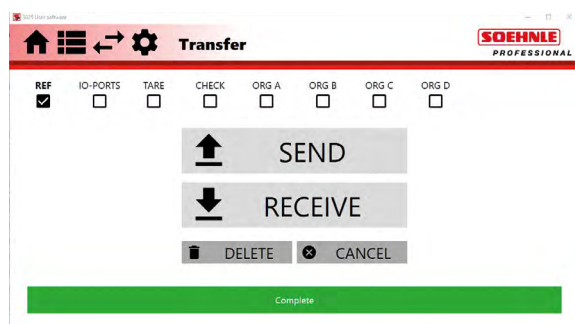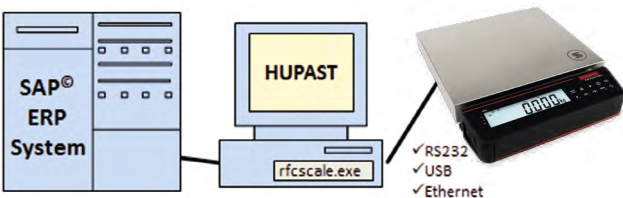
14. Second / large displays

Accessories for terminals

near and far range
simple LED
made in Germany
lb
LCD kg
break-proof

Large display 2562.01.004

Capturing measuring data

Features

▶ Very large display with 95 mm character height and very bright characters
▶ 6-character display option
▶ Readable distance: approx. 50 m
▶ Robust, resistant housing made of powder-coated aluminium
▶ Weather-resistant design, protection class IP 65
▶ Power supply: 110 ~ 240 VAC, 50 – 60 Hz, cable length: 1.8 m
▶ Interface cable length: 10 m with 5 pin plug
▶ Easy link to all approvable Soehnle Professional terminals via RS 232 interface (must also be ordered)

Order No.	Configuration	Dimensions mm
2562.01.004	Large LED display	745 x 160 x 50

Second display 2562.12.001

For reading distances up to 15 m

Features

▶ LED display with 38 mm character height, 6 characters
▶ Selectable weight unit in kg, g, lb
▶ Reading distances up to approx. 15 m
▶ Plastic housing made from impact-resistant ABS
▶ Protection class IP 65
▶ Power supply: 100 ~ 240 V AC, 50–60 Hz, external power supply, cable length: 1.5 m
▶ Interface cable length: 15 m with 5 pin plug
▶ Wall bracket included
▶ Easy link to all approvable Soehnle Professional terminals via RS 232 interface (must also be ordered)

MADE IN GERMANY

Order No.	Configuration	Dimensions mm
2562.12.001	LED display	285 x 196 x 68

14

mm
printing speed
receipt printer
versatile   label printer
user-friendly   tape printer
fast
dot-matrix printer

15. Printers

Accessories for terminals

2795.12
Label printer

2795.14
Tape printer

2795.20
Label printer

2795.30
Dot-matrix printer, DIN A4

Other printers on request.

15. Printers

Label printer 2795.12

Features

- Thermodirect printer
- Versatile barcode, label, receipt, and ticket printer
- Printing speeds from 150 mm per second
- User-friendly paper handling
- Print width up to 104 mm with 112 mm paper width
- Paper thickness up to 150 µm
- With cut-off device
- Barcode enabled
- Graphics printing possible (e.g. logos)
- Includes power supply

Order No.	Configuration	Dimensions mm	Delivery Time Week
2795.12.002	Label printer with cut-off device	213 x 180 x 148	1

Accessories

Order No.	Configuration
2550.03.007	Printer data cable for terminals 3800, 3810, 3820, 3010, 3025, 3035, 3005, cable length: 2 m
2550.00.009	Printer data cable for terminals 3800, 3810, 3820, 3010, 3025, 3035, 3005, cable length: 2 – 10 m
5751.01.001/004	Print format design / existing print format
2500.01.007	Thermo continuous labels, width: 80 mm, length: 50 m, VPE 6 pcs.
2500.01.006	Thermo continuous labels, width: 112 mm, length: 50 m, VPE 6 pcs.

Label printer 2795.20

Features

- Thermodirect printer
- Versatile barcode, label, receipt, and ticket printer
- Variable label sizes
- User-friendly paper handling
- Printing speeds up to max. 178 mm/s.
- Printing width: max. 108 mm
- Print resolution 203 dpi (8 dots/mm)
- RS 232 interface
- High-capacity paper rolls with feed from back
- Barcode support: barcode
- Graphic printing possible (e.g. logos)
- Transmitted light or reflection sensor for starting position detection
- End of paper sensor

Order No.	Configuration	Dimensions mm	Delivery time Week
2795.20.001	Label printer	310 x 214 x 195	1

Accessories

Order No.	Configuration
2550.03.010	Printer data cable RS 232 for terminals 3800, 3810, 3820, 3010, 3025, 3035, 3005, cable length: 2 m
5751.01.001/004	Print format design / existing print format
2500.02.002	Automatic peel-off device
2500.02.003	Automatic cut-off device
2500.01.009	Label rolls, width: 112 mm, length: 50 m, 600 labels, label size: 103 x 76 mm, VPE 6 pcs.

Tape printer 2795.14

Features
- Fully graphics enabled 9-pin printer with printing speed of 3.1 lines per second
- User-friendly paper handling
- Low space requirements with storage space for external power supply below printer
- Paper widths up to 76 mm
- With tear-off edge
- Low-paper sensor
- Includes power supply

Order No.	Configuration	Dimensions mm	Delivery time Week
2795.14.005	Tape printer	240 x 160 x 155	1

Accessories

Order No.	Configuration
2550.03.007	Printer data cable RS 232 for terminals 3800, 3810, 3820, 3010, 3025, 3035, 3005, cable length: 2 m
2550.00.009	Printer data cable RS 232 for terminals 3800, 3810, 3820, 3010, 3025, 3035, 3005, cable length: 2 – 10 m
2500.02.001	Paper rollup device (retrofit kit)
5751.01.001/004	Print format design / existing print format
2500.01.004	Paper roll width: 76 mm, 60 m long, single VPE 10 pcs.
2500.01.005	Paper roll width: 76 mm, 22 m long, double VPE 10 pcs.
2500.15.003	Ink tape for printer 2795.14, color: black

Dot-matrix printer 2795.30

Features
- Fast 24-pin dot-matrix printer DIN A4
- Versatile single-page, continuous paper printer
- Barcode enabled
- Carbon copies: original + 3 copies
- Paper weight: 52 – 90g/sqm, width: max. 257mm
- RS 232 interface
- Paper feed: single sheet from rear, continuous paper from rear, paper output in rear
- Speed: 347 characters/second (10cpi)
- Print width: 80 characters/line (10 cpi)
- Print resolution: 360 x 180 dpi
- Operating voltage: 200V – 240V
- Operating temperature: 5 °C – 35 °C
- Weight: 4,1 kg
- Shipped with ink tape, software, power supply cable

Order No.	Configuration	Dimensions mm	Delivery time Week
2795.30.001	Dot-matrix printer	348 x 275 x 154	1

Accessories

Order No.	Configuration
2550.03.007	Printer data cable RS 232 for terminals 3800, 3810, 3820, 3010, 3025, 3030, 3035, cable length: 2 m
2550.00.009	Printer data cable RS 232 for terminals 3800, 3810, 3820, 3010, 3025, 3030, 3035, cable length: 2 - 10 m
2500.15.002	Ink tape for DIN A4 printer 2795.30, color: black, set of 2

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Senors

Platform load cells

Shear beam load cells

Parallel circuits

OIML

Double shear beam load cells

steel

Tensile load cells

approvable

16. Load cells

Sensors for your application solutions

Category	Identifier	kg																						t					klb		Material	Protection class
		2	3	5	6	7.5	10	15	20	30	50	60	75	100	150	200	250	300	400	500	1000	2000	5000	10	20	30	40	50	20	30		
Platform load cells SEB	SEB22			•			•																								Aluminum, anodized	IP 65
	SEB42		•			•	•		•	•			•	•																	Aluminum, anodized	IP 65
	SEB46B											•		•				•													Aluminum, anodized	IP 65
	SEB4B										•			•		•		•													Aluminum, anodized	IP 65
	SEB4C													•		•	•			•											Aluminum, anodized	IP 65
	SEB56A						•		•		•																				Steel, stainless	IP 68/69K
	SEB56B													•		•			•	•											Steel, stainless	IP 68/69K
Bending / shear beam load cells SPS	SEB23B														•	•															Aluminium	IP 65
	SPS30								•	•	•			•																	Steel, stainless	IP 68
	SPS34B																	•	•	•											Steel, nickel-plated	IP 67
	SPS14																	•		•	•	•	•								Steel, stainless	IP 68
	SPS36																							•	•	•					Steel, nickel-plated	IP 67
Tensile load cells SPT	SPT63										•			•			•														steel, stainless	IP 67
	SPT68																			•	•	•	•								steel, stainless	IP 68
Compression load cells SCO	SCO86																								•	•	•				steel, stainless	IP 68
Double shear beam load cells SDE	SDE90																										•	•			Steel, nickel-plated	IP 67
Not approvable load cells	SEB3	•		•																											Aluminium	IP 54
	Set of four SPB5A											•				•															Aluminium	IP 54
	Set of four SPB5B							•		•		•				•															Aluminium	IP 54

Explanation of shortcuts

CC	Output current calibration. This option facilitates wiring several load cells parallelly
C3	Accuracy class iaw. OIML R60; for scales approvable iaw. class III, permitted number of increments e nLC = 3,000
C4	Accuracy class iaw. OIML R60; for scales approvable iaw. class III, permitted number of increments e nLC = 4,000

N2	Accuracy class for not approvable scales, permitted number of increments nLC = 2.000
N2.5	Accuracy class for not approvable scales, permitted number of increments nLC = 2.500
MR	Configuration with particularly high Y value. Suited for building multi-range scales.
6L	6 conductors
3M	Cable length in m; quoted for 4 conductor connection, when the length deviates from standard.

SEB	Platform load cells
SPS	Bending/shear beam load cells
SPT	Tensile load cells
SCO	Compression load cells
SDE	Double shear beam load cells
SPB	Not approvable bending beam load cells

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Approvable load cells

Load cells with OIML R60 certification, suited for use in approvable scales of class III

Platform load cells SEB, approvable

SEB22

Load cell SEB22

Features

- ▶ Anodized aluminum
- ▶ Protection class IP 65
- ▶ 4 conductors
- ▶ Maximum platform dimensions, recommended: 300 x 300 mm or 350 x 250 mm

- ▶ Cable length: 0.4 m
- ▶ OIML certification
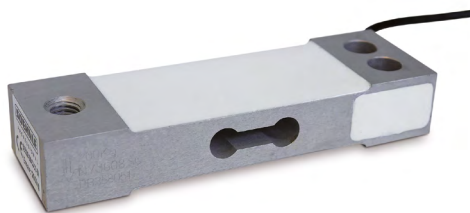- ▶ See data sheet 470.520.056 for additional details

Order No.	Description	Nominal load kg	Accuracy class	Y value	Delivery time Week
2600.22.002	SEB22-5-C3	5	C3	7.000	2−3
2600.22.005	SEB22-10-C3	10	C3	7.000	2−3

SEB42

Load cell SEB42

Rubber element

Weighing module

Features

- ▶ Anodized aluminum
- ▶ Protection class IP 65
- ▶ 6 conductors
- ▶ Maximum platform dimensions, recommended: 400 x 400 mm or 450 x 350 mm
- ▶ Cable length: 3 m

- ▶ CC version facilitates easy parallel wiring of several load cells
- ▶ OIML certification
- ▶ See data sheet 470.520.052 (SEB42), 470.520.103 (SEB42-CC) for additional details

Order No.	Description	Nominal load kg	Accuracy class	Y value	Delivery time Week
2600.42.001	SEB42-3-C3	3	C3	15.000	2−3
2600.42.011	SEB42-7,5-C3-CC	7,5	C3-CC	15.000	1
2600.42.012	SEB42-15-C3-CC	15	C3-CC	15.000	1
2600.42.019	SEB42-30-C4	30	C4	20.000	1
2600.42.008	SEB42-50-C3	50	C3	10.000	2−3
2600.42.020	SEB42-75-C4	75	C4	20.000	1
2600.42.010	SEB42-100-C3	100	C3	10.000	2-3

Accessories

Order No.	Description	Nominal load kg	Configuration	Data sheet	Delivery time Week
2602.04.004	Rubber element	7,5−50	Ø D = 25 mm, H = 15 mm, M6	470.520.080	1
2602.04.005	Rubber element*	7,5−100	Ø D = 50 mm, H = 20 mm, M10	470.520.080	1
2508.05.004	Weighing module	7,5−50	galvanized steel	469.011.073	2−3
2508.05.003	Weighing module	75-100	galvanized steel	469.011.073	2−3

* Rubber element is connected to weighing platform with customer-supplied adapter plate

Load cell SEB46B

Rubber element

Load base

Weighing module

SEB46B

Features

▶ Anodized aluminum
▶ Protection class IP 65
▶ 6 conductors
▶ Maximum platform dimensions, recommended: 500 x 500 mm or 550 x 450 mm
▶ Cable length: 3 m (60 – 150 kg) or 6 m (300 kg)
▶ Output current calibration facilitates easy parallel wiring of several load cells
▶ OIML certification
▶ See data sheet 470.520.063 for additional details

Order No.	Description	Nominal load kg	Accuracy class	Y value	Delivery time Week
2600.46.011	SEB46B-60-C3-MR-CC-6L	60	C3-MR-CC	15.000	1
2600.46.015	SEB46B-100-C3-MR-CC-6L	100	C3-MR-CC	15.000	1
2600.46.013	SEB46B-300-C3-MR-CC-6L	300	C3-MR-CC	15.000	1

Accessories

Order No.	Description	Configuration	Data sheet	Delivery time Week
2602.46.001	Rubber element	Ø D = 50 mm, H = 20 mm, M10 with washer	470.520.081	1
2602.46.002	Load base	Ø D = 50 mm, H = 20 mm, M10 with washer	470.520.082	1
2602.46.004	Weighing module	galvanized steel	469.011.073	1

SEB4B

Load cell SEB4B

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Rubber element

Weighing module

Features

▶ Anodized aluminum
▶ Protection class IP 65
▶ 6 conductors
▶ Maximum platform dimensions, recommended: 600 x 600 mm (50 – 100 kg) or 520 x 520 mm (200 – 300 kg)
▶ Cable length: 2.4 m
▶ CC version facilitates easy parallel wiring of several load cells
▶ OIML certification
▶ See data sheet 470.520.006 for additional details

Order No.	Description	Nominal load kg	Accuracy class	Y value	Delivery time Week
2600.00.053	SEB4B-50-C3-CC	50	C3-CC	11.200	1
2600.00.023	SEB4B-100-C3-CC	100	C3-CC	11.200	1
2600.00.027	SEB4B-200-C3	200	C3	11.200	1
2600.00.031	SEB4B-200-C3-CC	200	C3-CC	11.200	1
2600.00.081	SEB4B-300-C3	300	C3	11.200	1
2600.00.082	SEB4B-300-C3-CC	300	C3-CC	11.200	1

Accessories

Order No.	Description	Nominal load kg	Configuration	Data sheet	Delivery time Week
2602.04.005	Rubber element*	50–300	Ø D = 50 mm, H = 20 mm, M10	470.520.080	1
2508.05.005	Weighing module	50–300	galvanized steel	469.011.073	1

* Rubber element is connected to weighing platform with customer-supplied adapter plate

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SEB4C

Features

▶ Anodized aluminum
▶ Protection class IP 65
▶ 6 conductors
▶ Maximum platform dimensions, recommended: 800 x 800 mm (100 – 250 kg), 1.000 x 600 mm (100 – 250 kg), 660 x 660 mm (300 – 500 kg)
▶ Cable length: 2.4 m
▶ CC version facilitates easy parallel wiring of several load cells
▶ OIML certification
▶ See data sheet 470.520.007 for additional details

Load cell SEB4C

Order No.	Description	Nominal load kg	Accuracy class	Y value	Delivery time Week
2600.00.008	SEB4C-100-C3	100	C3	11.200	1
2600.00.036	SEB4C-100-C3-CC	100	C3-CC	11.200	1
2600.00.079	SEB4C-200-C3	200	C3	11.200	1
2600.00.080	SEB4C-200-C3-CC	200	C3-CC	11.200	1
2600.00.009	SEB4C-250-C3	250	C3	11.200	1
2600.00.010	SEB4C-250-C3-CC	250	C3-CC	11.200	1
2600.00.030	SEB4C-500-C3	500	C3	11.200	1
2600.00.011	SEB4C-500-C3-CC	500	C3-CC	11.200	1

Accessories

Order No.:	Description	Nominal load kg	Configuration	Data sheet	Delivery time Week
2602.04.006	Rubber element*	100 – 500	Ø D = 75 mm, H = 25 mm, M12	470.520.080	1

* Rubber element is connected to weighing platform with customer-supplied adapter plate

Rubber element

SEB56A

Features

▶ Steel, stainless
▶ Protection class IP 68/69K
▶ 6 conductors
▶ Maximum platform dimensions, recommended: 400 x 400 mm or 450 x 350 mm
▶ Cable length: 3 m
▶ OIML certification
▶ See data sheet 470.520.157 for additional details
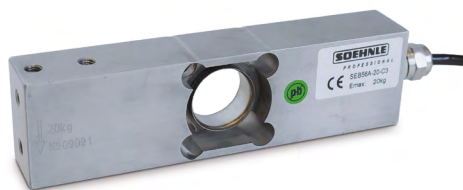
Load cell SEB56A

Order No.	Description	Nominal load kg	Accuracy class	Y value	Delivery time Week
2600.56.001	SEB56A-10-C3	10	C3	14.000	2–3
2600.56.002	SEB56A-20-C3	20	C3	14.000	1
2600.56.003	SEB56A-50-C3	50	C3	14.000	1

SEB56A-MR and SEB56A-C4, Y-value 25,000, on request.

SEB56B

Features

▶ Steel, stainless
▶ Protection class IP 68/69K
▶ 4 conductors
▶ Maximum platform dimensions, recommended: 600 x 600 mm or 700 x 500 mm
▶ Cable length: 3 m
▶ OIML certification
▶ See data sheet 470.520.156 for additional details

Load cell SEB56B

Order No.	Description	Nominal load kg	Accuracy class	Y value	Delivery time Week
2600.56.008	SEB56B-100-C3	100	C3	10.000	1
2600.56.004	SEB56B-100-C3-MR	100	C3-MR	20.000	1
2600.56.009	SEB56B-200-C3	200	C3	10.000	1
2600.56.005	SEB56B-200-C3-MR	200	C3-MR	20.000	1
2600.56.010	SEB56B-400-C3	400	C3	10.000	1
2600.56.006	SEB56B-400-C3-MR	400	C3-MR	20.000	1
2600.56.011	SEB56B-500-C3	500	C3	10.000	2–3
2600.56.007	SEB56B-500-C3-MR	500	C3-MR	20.000	2–3

Load cell SEB23B

Rubber element

Load base

SEB23B

Features

▶ Aluminum
▶ Protection class IP 65
▶ 4 conductors
▶ Cable length: 0.4 m (50 – 150 kg) or 2 m (200 kg)
▶ OIML certification
▶ See data sheet 470.520.121 for additional details
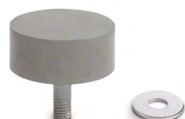
Order No.	Description	Nominal load kg	Accuracy class	Y value	Delivery time Week
2600.23.001	SEB23B-150-C3-CC	150	C3	7.500	1
2600.23.006	SEB23B-200-C3-CC-2M	200	C3	7.500	1

Accessories

Order No.	Description	Configuration	Data sheet	Delivery time Week
2602.46.001	Rubber element	Ø D = 50 mm, H = 20 mm, M10 with washer	470.520.081	1
2602.46.002	Load base	Ø D = 50 mm, H = 20 mm, M10 with washer	470.520.082	1

SPS30

Features

▶ Material: Stainless steel
▶ Protection class IP 68
▶ 4 conductors
▶ Cable length 3 m
▶ OIML test certificate
▶ Standard output current calibration allows easy parallel connection of several of several load cells
▶ MR Multi Range version
▶ For further details see data sheet 470.520.065

Load cell SPS30

Self-aligning bearing

Pendular load foot

Order No.	Description	Nominal load kg	Accuracy class	Y value	Delivery time Week
2600.30.008	SPS30-20-C3-MR	20	C3	15.000	4
2600.30.009	SPS30-30-C3-MR	30	C3	15.000	4
2600.30.010	SPS30-50-C3-MR	50	C3	15.000	4
2600.30.011	SPS30-100-C3-MR	100	C3	15.000	4

Accessories

Order No.	Description	Nominal load kg	Configuration	Data sheet	Delivery time Week
2602.30.003	Self-aligning bearing	20 - 100	Stainless steel	470.520.232	4
2602.30.004	Pendular load foot	20 - 100	Stainless steel	470.520.233	4

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Load cell SPS34B

Load base

Load transmission

Spacer plate

Installation kit / base plate

SPS34B

Features

▶ Nickel-plated, alloyed steel
▶ Protection class IP 67
▶ 4 conductors
▶ Cable length: 3 m
▶ Standard configuration with output current calibration facilitates easy parallel wiring of several load cells
▶ OIML certification
▶ See data sheet 470.520.064 for additional details

Order No.	Description	Nominal load kg	Accuracy class	Y value	Delivery time Week
2600.34.014	SPS34B-500-C3	500	C3	10.000	1
2600.34.015	SPS34B-1000-C3	1.000	C3	10.000	1
2600.34.016	SPS34B-2000-C3	2.000	C3	10.000	1

Accessories

Order No.	Description	Nominal load kg	Configuration	Data sheet	Delivery time Week
2602.34.010	Load base	500–2.000	galvanized steel	470.520.078	1
2602.34.011	Load transmission	500–2.000	galvanized steel	470.520.086	1
2602.14.002	Spacer plate	500–2.000	stainless steel	470.520.073	2–3
2510.24.001	Installation kit / base plate, 2pcs. incl. screws, pins, and washers	500–2.000	stainless steel	470.520.087	1
2602.34.012	Weighing module	500–2.000	galvanized steel	470.520.076	2–3
2602.34.015	Weighing module	500–2.000	galvanized steel	470.520.120	2–3

Weighing module 2602.34.012

Weighing module 2602.34.015

Load cell SPS14

Load base

Spacer plate

Installation kit / base plate

Weighing module   Welding plate 5t

SPS14

Features

▸ Steel, stainless
▸ Hermetically sealed, protection class IP 68
▸ 6 conductors
▸ Cable length: 5 m
▸ Standard configuration with output current calibration facilitates easyparallel wiring of several load cells
▸ OIML certification
▸ See data sheet 470.520.051 an 470.520.231 (for 5.000 kg) for additional details

Order No.	Description	Nominal load kg	Accuracy class	Y value	Delivery time Week
2600.14.001	SPS14-300-C3	300	C3	12.000	1
2600.14.002	SPS14-500-C3	500	C3	10.000	1
2600.14.003	SPS14-1000-C3	1.000	C3	10.000	1
2600.14.004	SPS14-2000-C3	2.000	C3	10.000	1
2600.14.005	SPS14-5000-C3	5.000	C3	10.000	1

Accessories

Order No.	Description	Nominal load kg	Configuration	Data sheet	Delivery time Week
2602.14.001	Load base	300–2.000	stainless steel	470.520.074	1
2602.14.002	Spacer plate	300–2.000	stainless steel	470.520.073	1
2510.24.001	Installation kit / base plate, 2pcs. incl. screws, pins, and washers	300–2.000	stainless steel	470.520.087	1
2602.14.004	Load base	5.000	stainless steel	470.520.226	4
2602.14.007	Spacer plate	5.000	stainless steel	470.520.073	1
2510.24.011	Installation kit / base plate, 2pcs. incl. screws, pins, and washers	5.000	stainless steel	470.520.227	1
2602.14.005	Weighing module	5.000	stainless steel	470.520.230	4
2602.14.006	Welding plate for weighing module 2602.14.005	5.000	stainless steel	470.520.228	4

Load cell SPS36

Weighing module

SPS36

Features

▸ Nickel-plated, alloyed steel
▸ Protection class IP 67
▸ 6 conductors
▸ Cable length: 6.5 m (5 t) or 12 m (10 – 20 t)

▸ Includes pendulum supports – load transmission
▸ OIML certification
▸ See data sheet 470.520.113 for additional details

Order No.	Description	Nominal load t	Accuracy class	Y value	Delivery time Week
2600.36.006	SPS36-5t-C3	5	C3	10.000	2 – 3
2600.36.007	SPS36-10t-C3	10	C3	10.000	2 – 3
2600.36.008	SPS36-20t-C3	20	C3	10.000	REQ

Accessories

Order No.	Description	Nominal load t	Configuration	Data sheet	Delivery time Week
2602.36.003	Weighing module	5	galvanized steel	470.520.123	1
2602.36.004	Weighing module	10	galvanized steel	470.520.148	1

Load cell SPT63

Rod end

Clevis joint

SPT63

Features

▶ Steel, stainless
▶ Protection class IP 67
▶ 4 conductors
▶ Cable length: 6 m
▶ OIML certification
▶ See data sheet 470.520.060 for additional details

Order No.	Description	Nominal load kg	Accuracy class	Y-value	Delivery time Week
2600.63.001	SPT63-50-C3	50	C3	7.000	2 – 3
2600.63.002	SPT63-100-C3	100	C3	7.000	2 – 3
2600.63.003	SPT63-250-C3	250	C3	10.000	2 – 3

Accessories

Order No.	Description	Nominal load kg	Configuration	Data sheet	Delivery time Week
2602.62.001	Rod end M8	25 – 100	galvanized steel	470.520.077	2 – 3
2602.62.003	Rod end M12	200 – 1.000	galvanized steel	470.520.077	2 – 3
2602.62.009	Clevis joint M8	25 – 100	galvanized steel	470.520.190	2 – 3
2602.62.010	Clevis joint M12	200 – 1.000	galvanized steel	470.520.190	2 – 3

Rod ends, including nut fastener. Rod ends and clevis joints made from stainless steel on request.

Load cell SPT68

Rod end
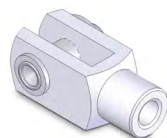
Clevis joint

SPT68

Features

▶ Steel, stainless
▶ Protection class IP 68
▶ 4 conductors
▶ Cable length: 3 m (0.5 t) or 6 m (1 – 7.5 t)
▶ OIML certification
▶ See data sheet 470.520.055 for additional details

Order No.	Description	Nominal load kg	Accuracy class	Y-value	Delivery time Week
2600.68.001	SPT68-0,5t-C3	500	C3	12.000	4
2600.68.002	SPT68-1t-C3	1.000	C3	12.000	4
2600.68.003	SPT68-2t-C3	2.000	C3	12.000	4
2600.68.006	SPT68-5t-C3	5.000	C3	12.000	4

Accessories

Order No.	Description	Nominal load kg	Configuration	Data sheet	Delivery time Week
2602.62.003	Rod end M12	500 – 1.000	galvanized steel	470.520.077	2 – 3
2602.62.004	Rod end M20 x 1.5	2.000	galvanized steel	470.520.077	2 – 3
2602.62.008	Rod end M24 x 2	5.000	galvanized steel	470.520.077	2 – 3
2602.62.010	Clevis joint M12	500 – 1.000	galvanized steel	470.520.190	2 – 3
2602.62.011	Clevis joint M20	2.000	galvanized steel	470.520.190	2 – 3
2602.62.012	Clevis joint M24	5.000	galvanized steel	470.520.190	2 – 3

Rod ends, including nut fastener. Rod ends and clevis joints made from stainless steel on request.

Compression load cells SCO, approvable

SCO86

Load cell SCO86

Self-aligning bearing

Weighing module

Features

▶ Steel, stainless
▶ Hermetically sealed, protection class IP 68
▶ 4 conductors
▶ Cable length: 15 m
▶ OIML certification
▶ See data sheet 470.520.094 for additional details

Order No.	Description	Nominal load t	Accuracy class	Y-value	Delivery time Week	Price €
2600.86.001	SCO86-30t-C3	30	C3	12.000	2 – 3	363,–
2600.86.002	SCO86-40t-C3	40	C3	12.000	2 – 3	363,–
2600.86.003	SCO86-50t-C3	50	C3	12.000	2 – 3	363,–

Accessories

Order No.	Description	Nominal load t	Configuration	Data sheet	Delivery time Week	Price €
2602.86.001	Self-aligning bearing	30 – 50	stainless steel	470.520.110	2 – 3	62,–
2602.86.002	Weighing module	30 – 50	stainless steel	470.520.229	4	REQ

Double-shear beam load cells SDE, approvable

SDE90

Double shear beam load cells SDE, approvable

Load cell SDE90

Weighing module

Features

▶ Nickel-plated, alloyed steel
▶ Protection class IP 67
▶ 4 conductors
▶ Cable length: 9.3 m
▶ OIML certification
▶ See data sheet 470.520.069 for additional details

Order No.	Description	Nominal load klb (t)	Accuracy class	Y-value	Delivery time Week	Price €
2600.90.003	SDE90-20klb-C3	20 (~9,07)	C3	10.000	2 – 3	286,–
2600.90.004	SDE90-30klb-C3	30 (~13,6)	C3	10.000	2 – 3	374,–

Accessories

Order No.	Description	Nominal load klb	Configuration	Data sheet	Delivery time Week	Price €
2602.90.001	Weighing module	5 – 20	nickel-plated steel	470.520.092	2 – 3	357,–
2602.90.002	Weighing module	30 – 75	nickel-plated steel	470.520.092	2 – 3	803,–

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Not approvable load cells

SEB3

Features

- Aluminum load cell
- Not approvable
- Protection class IP 54
- For point loads
- Strand length: 370 mm

- See data sheet 470.520.011 for additional details
- Minimum order quantity: 10 pcs.
- Optionally with corner calibration, on request

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Order No.	Description	Nominal load kg	Protection class	Y-value	Delivery time Week
2600.00.020	SEB3-2-N2	2	N2	for point loads, without lateral adjustment	1
2600.00.021	SEB3-5-N2,5	5	N2,5	for point loads, without lateral adjustment	1

Set of four SPB5A

Features

- Aluminum load cell
- Not approvable
- Protection class IP 54
- With overload scale stop and add-on resistors for full resistance bridge

- Force transmission: Rubber bumper with M4 thread
- Strand length: 360 mm
- Other details on request
- Minimum order quantity: 10 kits

MADE IN
GERMANY

Order No.	Description	Nominal load kg	Protection class	Delivery time Week
2600.02.039	Set of 4 SPB5A	60	N2	1
2600.02.040	Set of 4 SPB5A	200	N2	1
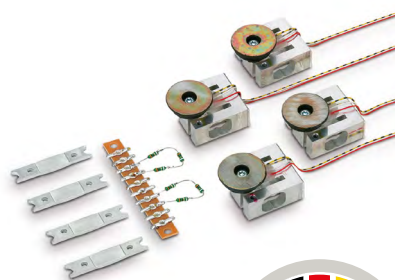
Set of four SPB5B

Features

- Aluminum load cell
- Not approvable
- Protection class IP 54
- With overload scale stop and add-on resistors for full resistance bridge

- Force transmission: Rubber bumper with support plate
- Strand length: 360 mm
- Other details on request
- Minimum order quantity: 10 kits

MADE IN
GERMANY

Order No.	Description	Nominal load kg	Protection class	Delivery time Week
2600.02.066	Set of 4 SPB5B	15	N2	REQ
2600.02.038	Set of 4 SPB5B	30	N2	1
2600.02.057	Set of 4 SPB5B	60	N2	1
2600.02.058	Set of 4 SPB5B	200	N2	1

Accessories

Special measuring cable

Features
- 6 x 0.14 mm2
- Shielded
- PVC jacket
- Diameter: 5 mm

Order No.	Description	Delivery time Week
2602.00.016	Special measuring cable L = 2.4 m, open cable ends, pre-assembled	1
2602.00.017	Special measuring cable L = 6 m, open cable ends, pre-assembled	1
2602.00.018	Special measuring cable L = 10 m, open cable ends, pre-assembled	1
2602.00.019	Special measuring cable L = 50 m, open cable ends	1
2602.00.010	Cable for e-chains 7 x 0.14², medium load, minimum length 25 m (price per metre)	1

Terminal box

2602.01.014/028

2602.01.017/027

2602.01.022

Order No.	Description	Dimensions mm	Protection class	Delivery time Week
2602.01.014	For connecting 4 load cells Material made of stainless steel 1.4301 (incl. wire end sleeves)	159 x 155 x 48	IP 65	1
2602.01.028	For connecting 4 load cells Material made of stainless steel 1.4404 (incl. wire end sleeves)	159 x 155 x 48	IP 65	1
2602.01.017	For connecting up to 4 load cells Material made of stainless steel 1.4301 (including wire end sleeves and 2 blind plugs for cable glands, for connecting two load cells)	176 x 90 x 43	IP 65	1
2602.01.027	For connecting up to 4 load cells Made of stainless steel 1.4404 (including wire end sleeves and 2 blind plugs for cable glands, for connecting two load cells)	176 x 90 x 43	IP 65	1
2602.01.022	For connection of 4 load cells via spring clips, corner adjustment with potentiometers, housing made of painted aluminium	175 x 80 x 57	IP 65	1
2516.01.004	Potting compound polybutadiene cable resin 385 ml, for pouring the junction boxes, easy to remove in case of repair		IP 68	1

Force transfer

Order No.	Description	Nominal load kg	Dimensions	Data sheet	Delivery time Week
2602.04.006	Rubber element	100−2.000	Ø D = 75 mm, H = 25 mm, M12	470.520.080	1
2602.04.005	Rubber element	50−300	Ø D = 50 mm, H = 20 mm, M10	470.520.080	1
2602.04.004	Rubber element	7,5−50	Ø D = 25 mm, H = 15 mm, M6	470.520.080	1

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Accessories: Digital measuring amplifier

For your customised solutions as scales or for force measurement, there are also digital measuring amplifiers with display to go with our load cells and connecting elements.

Digital measuring amplifier not approvable - front side

Digital measuring amplifier not approvable - back side

Keypad Terminal 3800

Digital measuring amplifier with display

Features

▸ Non-approvable electronic board with membrane keypad, resolution up to 32.000 d, fast and stable standstill behaviour (filter type 3)
▸ Large LC display, digit height 25 mm
▸ 5-key operation with freely assignable F key
▸ Dimensions 280 x 60 x 18 mm, membrane keyboard dimensions 290 x 75 x 1 mm
▸ Functions: Weighing, taring, plus/minus weighing, additional weighing, hold, user filter setting, print/EDV with variable print image, auto tare, internal user calibration for location adjustment
▸ Units in g, kg or lb
▸ Built-in USB type B (virtual serial interface)
▸ Additional slot for optional interface
▸ Power supply: 6,3 - 14 V DC
▸ Specification sensor connection:
  DMS - load cells
  Connection type 4- or 6-wire technology
  Supply voltage 5 V DC
  Minimum input voltage 0 mV
  Input and load impedance 40 - 1050 Ω
▸ EMC safety through design of on-site enclosure

Order No.	Description	Delivery time Week
2762.01.020	Digital measuring amplifier with display, base: 3800 electronics	1

Digital measuring amplifier approvable - front side

Digital measuring amplifier approvable - back side

Keypad Terminal 3820

Digital measuring amplifier with display

Features

▸ Approvable electronic board with membrane keypad, resolution up to 10.000 e, fast and stable standstill behaviour (filter type 3)
▸ Backlit LC display, digit height 25 mm
▸ 10-key operation with freely assignable F key
▸ Circuit board dimensions 280 x 60 x 18 mm, membrane keyboard dimensions 290 x 75 x 1 mm
▸ Functions: Weighing, taring, plus/minus weighing, counting, piece checking, checking, totalising/commissioning, percentage weighing, additional weighing, neutral measuring, hold, user filter setting, print/EDV with variable print layout, auto tare, for non-verifiable models: internal user calibration for location adjustment
▸ Units in g or kg
▸ Integrated USB type B (virtual serial interface)
▸ Additional slot for optional interface
▸ Control function with beeper and visual indicator
▸ Real-time clock with date
▸ Power supply: 6.3 - 14 V DC
▸ Specification sensor connection: DMS - load cells
  Connection type 4- or 6-wire technology
  Supply voltage 5 V DC, Minimum input voltage 0 mV
  Input and load impedance 40 - 1050 Ω
▸ EMC safety through design of on-site enclosure

Order No.	Description	Delivery time Week
2762.01.019	Digital measuring amplifier with display, base: 3820 electronics	1

We design evaluation electronics precisely for your task for the connection of strain gauge load cells. Please contact us.

17. System solutions

Customized for you

Continuous weighing

Volume measurement

Filling and dosing

Checking

Portable scales

Wheel and axle load scale
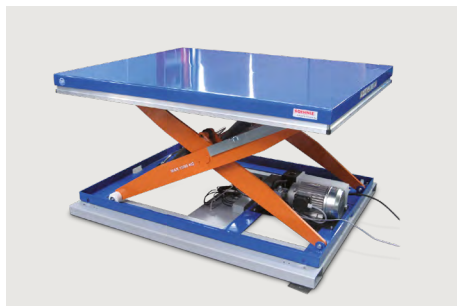
Special weighing platforms / solutions

Weighing frames for integration in conveyor technology

Flight baggage scales

Accessories

ATEX zone solutions

Software and communication solutions

Illustration:

Automatic approvable recording system (I-point) for determining product data such as identification (barcode), weight with control ejection, volume, digital image (photo).

Our customized solution will assist you if you cannot find the solution for your weighing problem in the catalog, and when the weighing technology needs to be adjusted to your exact requirements.

▶ Does your scale need to be smaller, larger, finer in division, more robust, or needs to be integrated into a system?
▶ Does the solution to your requirements lie in special weighing software?
▶ Do you need to weigh your products while moving?
▶ Or does the scale need to be portable?
▶ Do you need volumetric measurement data in addition to the weight?
▶ Does the scale need to be integrated into your inventory management system?

Describe us your requirements so that we may provide you with a specifically matching proposal.

Dynamic weighing scales

For legal-for-trade dynamic and static weight recording as a self-acting weighing system

Dynamic Checkweigher

With its fast and good filter technology for weight determination, Soehnle Professional's continuous weighing is certified for exact accuracy with a small calibration value and suitable for high throughput for special requirements. The offer ranges from the supply of weighing components to complete solutions with weighing technology, conveyor technology, control, volume measurement and barcode recording. Your advantage: You get everything from a single source!

Rationalisation potential for your company
The usual procedure for statically weighing goods is not efficient when large quantities of goods have to be weighed in incoming goods, in the production process or in shipping within the material flow. Stopping the weighing material on the scales is time-consuming and labour-intensive when conveyor technology is used, and is therefore cost-intensive. The operating procedure becomes more efficient if the determination of the weight value takes place in a dynamic state, i. e:

▶ Weighing without belt stop
▶ Conveyor, control and weighing technology from a single source
▶ Flexible integration capability and network connection through different bus or serial interfaces
▶ Can be integrated into existing production lines and conveyor systems
▶ High belt speed up to 2 m/s
▶ Weighing ranges: From 3 to 3.000 kg
▶ Readability from 1 g
▶ Recording of billable weight values through verification approval as an automatic scale

A worthwhile investment
An important precondition for the success of a system is its economic efficiency. Due to the many rationalization possibilities, dynamic flow weighing systems pay for themselves in the shortest possible time. After a detailed analysis of your requirements, our project engineers will tell you about your savings potential.

There are a variety of versions for the following industries, areas and applications
▶ Transport & Logistics: Volume and weight recording
▶ Mail & postal services: Weight recording and postage calculation
▶ Food & beverage: fill quantity control with statistical evaluation, price labelling and classification
▶ Pharmaceuticals & chemicals: control of pre-packaging with statistical evaluation
▶ Production & QM: weight recording and 100% control

Application programmes
1. Weighing and taring   > Pure weight determination
2. Totalising   > Summing up weights in a totalizing memory
                                  > Weight recording with totalizing function
3. Checking   > Pass/fail control
                                  > Comparison of the determined weight with the target weight
4. Filling quantity control   > Checking according to TU/TO in statistics functions
5. Classifying   > Classification into 5 weight classes
                                  > Adding up the total weight with a class assignment

Features
▶ Approval as automatic scale SWE, SKW, PAW, GAW and PG, according to OIML R51-1
▶ Accuracy class XIII(1) or Y(a); XIIII(2) or Y(b)
▶ Resolution up to 3,200 verifiable digit steps or 2x 3,000 digit steps as dual-range scales
▶ Alibi memory with product identification, subsequently overlapping data backup
▶ Temperature range - 15 °C to 40 °C
▶ Highly developed scale conveyors for trouble-free and fast speeds
▶ Specially developed high-resolution filter technology for dynamic weight determination
▶ Control logic functions for separation and stop functions for overlong parts
▶ Integrated length and speed measurement

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Checklist available as download: www.soehnle-professional.com/files/Checklist_ContinuousScale_gb.pdf

Dynamic weighing scales

Communication

▶ Flexible integration capability and network connection through various bus or serial interfaces

▶ Variable communication options, e.g. data transmission incl. CRC for external alibi protection

▶ XML interface [protocol customer-specific]

▶ Only one output signal required for integration into a higher-level system

▶ Provision of switching signals e.g. for pushers or switches

Offer / Options

▶ Highly flexible integration capability, 100 percent oriented to customer requirements

▶ Economical solutions through cost-effective strain gauge weighing technology

▶ From the basic variant to the complete solution with an individual, modular design of weighing, conveyor and control technology

▶ Conveyor scale in painted steel or stainless steel design

▶ Infeed and outfeed conveyor technology

▶ Pusher or tilting belt

▶ Control cabinet for conveyor control

▶ Vibration elements

▶ Barcode recording / RFID

▶ Camera for digital images

▶ Measuring of the freight with volume measuring technology according to OIML guideline R129

9710 Dynamic letter & postal scale up to 3 kg

▶ Dynamic weight and postage recording

▶ Verifiable from 1 g digit increment as automatic scale according to OIML R 51

▶ Belt speed up to 2 m/s, throughput up to 120 pcs/min

▶ Especially suitable for flat objects > 2 mm

Variants:
Individual design of weighing range, digit step, speed, dimension of conveyor belt: grid dimensions - width from 120 to 400 mm / length from 300 to 1200 mm.

9710 Dynamic weight & checkweigher up to 6 kg
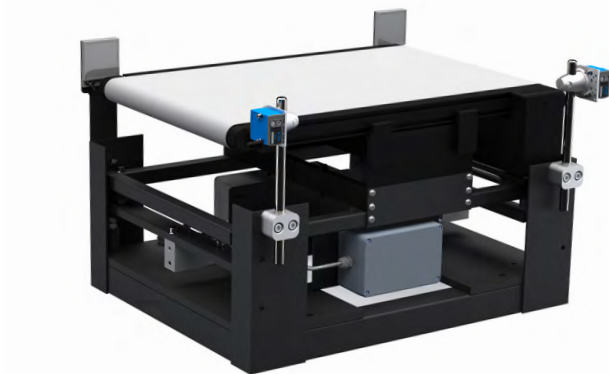
▶ Dynamic weight / data acquisition

▶ Control / classification function
Filling quantity control according to FPackV / FPVO

▶ Verifiable from 1 g digit step as automatic scale according to OIML R 51

▶ Belt speed up to 2 m/s, throughput up to 120 pcs/min

▶ Flexible integration capability due to modular system components

Variants:
Individual design of weighing range, digit step, speed, dimension of conveyor belt: Grid dimensions - width from 120 to 600 mm / length from 300 to 2000 mm.

Checklist available as download: www.soehnle-professional.com/files/Checklist_ContinuousScale_gb.pdf

Dynamic weighing scales

9721 Dynamic stainless steel - continuous scale

- ▶ Stainless steel design with high protection class
- ▶ Dynamic weight / data acquisition
  Control / price calculation / classification function
- ▶ Filling quantity control according to FPackV / FPVO
- ▶ Verifiable from 1 g digit step as automatic scale according to OIML R 51
- ▶ Belt speed up to 2 m/s, throughput up to 120 pcs/min

Variants:
Individual design of weighing range, digit step, speed, dimension of conveyor belt: Grid dimensions - width from 150 to 350 mm / length from 300 to 1000 mm.

9711 Dynamic weight & checkweigher up to 30 kg

- ▶ Dynamic weight / data acquisition
- ▶ Control / price calculation / classification function
  Filling quantity control according to FPackV / FPVO
- ▶ Verifiable from 1 g digit step as automatic scale according to OIML R 51
- ▶ Belt speed up to 2 m/s, throughput up to 120 pcs/min

Variants:
Individual design of weighing range, digit step, speed, dimension of conveyor belt: grid dimensions - width from 400 to 600 mm / length from 400 to 1000 mm.

Checklist available as download: www.soehnle-professional.com/files/Checklist_ContinuousScale_gb.pdf

17

Continuous weighing

9711 Dynamic weight & checkweigher up to 100 kg

- ▶ Dynamic weight / data acquisition
- ▶ Verifiable from 10 g increments as automatic scale according to OIML R 51
- ▶ Belt speed up to 2 m/s, throughput up to 120 pcs/min
- ▶ Flexible integration capability due to modular system components
- ▶ From basic variants to self-sufficient complete solutions

Variants:
Individual design of weighing range, digit step, speed, dimension of conveyor belt: grid dimensions - width from 600 to 1000 mm / length from 800 to 2000 mm.

9715 Static weight & checkweigher up to 3000 kg

- ▶ Static weight / data acquisition
- ▶ Verifiable from 100 g increments as an automatic scale according to OIML R 51
- ▶ Flexible integration capability through modular system components
- ▶ From basic variants to self-sufficient complete solutions

Roller conveyor
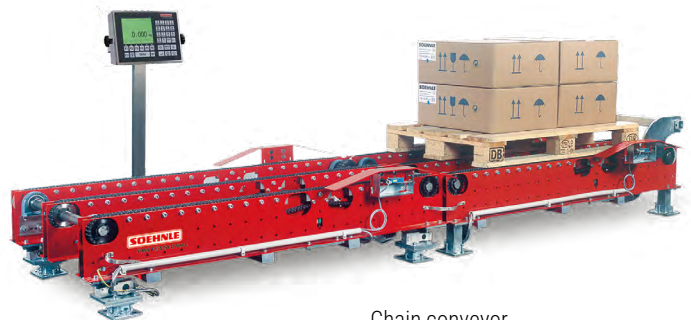
Chain conveyor

Variants:
Individual design of weighing range, digit increment, type and dimension of conveyor technology.

Checklist available as download: www.soehnle-professional.com/files/Checklist_ContinuousScale_gb.pdf

Volume measurement

Measuring systems for volume measurement, combined with weighing technology - from the simple manual workstation to the fully automatic system

Measurement system 9755.51

For manual, static acquisition

Dimension acquisition simple, accurate and fast

The 9755.51 measuring system provides a manual, cost-effective solution for recording weight and volume data of cubic packages. The outer dimensions of the items are recorded by the user using a hand scanner, while the scale determines the weight.

A measurement process takes only a few seconds. Your article master data can thus be kept up to date without errors.

The integration of secondary data, such as article numbers or EAN codes, eliminates the need for manual post-processing of manually measured article master data is superfluous. Typing errors are eliminated. The recorded data can be transferred online to a higher-level EDP system or a printer. With the exact, complete knowledge of article data for storage, packaging and transport, previously unused or insufficiently used rationalization potential can be tapped.

Features

▶ Acquisition of weight and volume data
▶ Calculation of volume weight
▶ Scanning of package dimensions at the barcode ruler by means of a barcode scanner, also wirelessly
▶ Weight data are approvable values, volume data are not approvable
▶ Article master data can always be kept up to date
▶ Interface for printer or EDP
▶ Keyboard integration enables transfer to existing data masks without software adaptation

Options

All interfaces can be customized with our PC service software,
▶ Order No.: 2564.10.001:
▶ Decoupled RS 232 interface installed, Order No.: 2563.21.002
▶ USB interface e.g. for keyboard wedge, Order No.: 2550.03.026
▶ Ethernet interface, Order No.: 2550.03.025
▶ Label printer, Order No.: 2795.12.002
▶ IT data cable, Order No.: 2550.03.002

Find other accessories and options for IT integration and printer solutions on page 97.

Order No.	Volume measurement range	Volume measurement interval	Maximum load	Weight / Division	Dimensions
	cm	cm	kg	g	mm
9755.51.001	B 42 x L 54 x H 51	1	**60**	Up to 30 kg = 10 g from 30 kg = 20 g	600 x 450 x 650

We have other solutions of volume measuring systems for semi-automatic volume and weight detection for parcel and article clamp detection, please contact us.

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Checklist available as download: www.soehnle-professional.com/files/Checklist_volumeMeasurement_gb.pdf

Portal measurement system 9750.60

For automated, static readings

Volumentportal für die Erfassung von 2 Paletten mit Verbundwaage

The freight is brought to the checkpoint by forklift, a manual pallet truck, or a battery-powered pallet truck. As soon as the pallet is dropped off on a platform scale, the laser scanners of the measurement system 9750 captures the item. Length, width, height, material handling device, volume, weight, and photograph are displayed, stored, and documented.
The system can also be delivered as an approvable version iaw. MID or OIML for weight and volume.

Features

▶ Measurement surface: 350 x 250 x 280 cm
▶ Weighing platform up to 250 x 250 cm, weighing range up to 7 tons
▶ Windows® operating system, touch panel, alibi memory

Volume portal, floor scale and drive-on ramp

Ceiling module / volume, floor scale installed

Ceiling module / volume, floor scale installed, operator control

Checklist available as download: www.soehnle-professional.com/files/Checklist_volumeMeasurement_gb.pdf

Volume measurement system 9750

For automated, dynamic readings

Active optical laser system for two-dimensional scanning and automatic detection of the volume of objects in the goods receipt, production, picking and dispatch area according to OIML R129.

▶ The Soehnle Professional volumetric measuring system 9750 works according to the principle of phase delay measurement. A laser beam scans the measured object and the data is registered in the receiver. The measured distance points and the transport speed are used to calculate a three-dimensional image of the object in real time. The software thus determines the volume information: Length, width and height.
▶ The reading system with evaluation unit, incremental encoder and data concentration, which combines weighing, volumetric and detection data, completes the measuring system.

Features
▶ Applications: Volume measurement, object identification
▶ Laser protection class 2
▶ Electrical supply: 24 V DC ± 15%, max. 90 W
▶ Data interfaces: RS 232, RS 422 (adjustable), Ethernet interface
▶ Temperature range: 0 °C to 40 °C
▶ Minimum size for objects: L 50 x W 50 x H 50 mm, in any form
▶ Object size/division: Length: 50-2,000 mm/5 mm
Width: 50-1,000 mm/5 mm
Height: 50-1,600 mm/5 mm
▶ Scope of delivery: optical laser system, evaluation electronics, data concentration and software
▶ Speed: 0.5 m/s to 2.0 m/s

Volume measurement system 9751

The 9751 volume measuring system based on light grid solves demanding applications in the field of object measurement. Based on light grids, it enables precise determination of the smallest enveloping cuboid of objects, regardless of their surface condition. Especially transparent and foil wrapped objects are reliably measured.

▶ Less expensive alternative to 9750
▶ Light grid frame (transmitter/receiver principle)
▶ Integration in band gaps
▶ Cubic and irregular objects
▶ Object dimensions min. L 50 x W 50 x H 5 mm to max. L 2,600 x W 1,200 x H 1,200 mm
▶ Verifiable according to OIML R129

Checklist available as download: www.soehnle-professional.com/files/Checklist_volumeMeasurement_gb.pdf

Filling and dosing

For system-based weighing and dosing – components or complete solutions

Complete filling/dosing line for fire extinguishers
Flexible integration options, network integration, along with maximum system accuracy of the Soehnle Professional scale terminals ensure accurate control and fast weighing and dosing processes.

Vegetable slicer with dosing scale

Example of simple filling 3035
Simple solution of filling with coarse and fine flow of liquids. One terminal 3035 with IO card is enough to realize this filling station.

Example – complex dosing line
Fully automated weighing and dosing system, consisting of 4 Soehnle weighing units, with PLC control and bus integration for preparing recipes as removal weighing from 4 storage containers.

Example – bigbag weighing
Example: Weighing platform with bigbag suspension and integrated vibrator to densify the filled material.

Filling and dosing

Terminals with dosing function

Base terminal 3010

▶ Three LEDs red / yellow / green as control lights
▶ I/O card with variable function application, 4 inputs and 6 outputs
▶ Analog output, Profibus interface, Profinet interface
▶ Application software for single-component dosing with rough/fine flow control and overrun correction

Terminal 3035

▶ Display with control light function
▶ I/O card with variable function application, 4 inputs and 6 outputs
▶ Profibus interface, Profinet interface

A/D converter 3005

▶ For fast processes when no display and keypad is required
▶ I/O card with variable function application, 4 inputs and 6 outputs
▶ Profibus interface
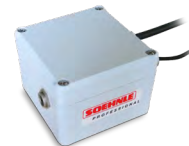
**Load cell modules for silo weighing –
single shear beam SPS34 with installation module**

▶ Simple assembly without dummy load cell
▶ Nominal load up to 10 tons
▶ Self-centering force transmission
▶ Integrated lift-off safety
▶ Horizontal swing safety
▶ Tilt safety for horizontal forces, e.g. wind loads (custom configuration)
▶ Metal parts are electro-galvanized
▶ Robust design
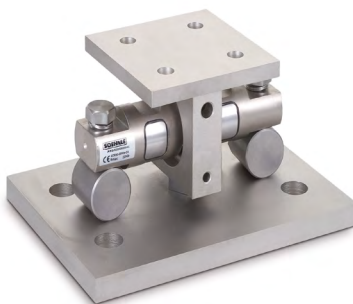
**Load cell modules for silo weighing -
double shear beam SDE90 with built-in module**

▶ easy module assembly
▶ nominal load up to 34 tons
▶ self centering force application
▶ integrated anti-lift device
▶ anti-tilt device for horizontal forces e.g. wind force (individual design)
▶ nickel-plated steel
▶ robust design

17

Checking

For partially and fully automated processes

- ▶ Control functions are also provided by terminals 3035, 3010 and 3820
- ▶ Pass – Fail – Control
- ▶ Dynamic weighing, lockout with pusher, switch gate or compressed air
- ▶ Classification

- ▶ Completeness check, overload check
- ▶ Pick/Place check

Application examples

Drive-through scale with conveyor for pass / fail checking
- ▶ Check is performed inline without conveyor stop incl. pusher
- ▶ Conveyor, check/weighing technology from a single source
- ▶ Can be integrated into existing productions lines and conveyor systems
- ▶ 100 % check on injection-molded parts, in assembly/packaging processes

Supplied scope:
- ▶ 3035 terminal software with drive-through weighing software
- ▶ Accessories for 3035: I/O card, wall/stand bracket, relay box with power supply
- ▶ Weighing module with strain-gauge weighing cells
- ▶ Complete conveyor system with control module, motor, conveyors specifically designed for weighing technology applications for industrial use
- ▶ Pusher for screening out parts with incorrect weight
- ▶ Base frames to adjust the desired working height

Pass / Fail check scales with integrated conveyor
- ▶ Weighing system with conveyor belt for static weight control
- ▶ Pass/fail sorting by conveyor belt with right and left rotation
- ▶ Semi- and fully automatic operation possible, also suitable for supporting manual control processes
- ▶ Individual configuration of weighing range, resolution and conveyor belt dimensions

Applications
- ▶ Individual weight control of production parts
- ▶ Completeness control of packaged products
- ▶ Classification into two weight classes

Advantages:
- ▶ 100 % product control with error-free selection
- ▶ Easy to use
- ▶ Very easy to read, display with coloured control light function
- ▶ Fast weight determination for high throughput
- ▶ Modular design, individually adaptable
- ▶ Various weighing ranges and conveyor belt sizes
- ▶ Fast product change due to product memory

Procedure for checkweighing:
The test piece is placed on the scale conveyor, the scale determines the weight and discharges to the left or to the right depending on the test result.

Terminal:
Soehnle Professional 3035 with colour display, control function, 999 memory locations for setpoints, interfaces: serial, USB, Ethernet, I/O switching output

Equipping the scale:
Manual or automatic via infeed belt, robot, ascending conveyor

Options:
Display stand, windbreak, printer

Maximum load/Division:
- ▶ 3.000 g with 1 g
- ▶ 6.000 g with 2 g
- ▶ 15.000 g with 5 g

Belt dimensions:
From (LxW) 300 x 200 mm to 1.000 x 400 mm

Mobile scales

For customized requirements

Scales on mobile base frame, mobile truck or transport carriages; there are many options for using mobile weighing technology. We supply the complete system, including the mobile power supply for the scale and peripheral equipment.

Using our tilt sensor, any elaborate leveling at the new location can be eliminated for applications with approval mandate.

Lift truck with scale and terminal 3025
The 3025 scale terminal also processes organizational data, enables manual tare entry and is therefore particularly suitable for mobile weight recording. Weight values and identifiers can be sent via WLAN/Bluetooth® or displayed as barcodes. An external rechargeable battery system is used in the pallet truck for continuous mobile weighing up to 10 hours, which allows battery replacement even under load. An LED display of the charging capacity ensures that the batteries can be recharged or replaced in good time. Suitable for internal non-verifiable weighing.

Scale on stainless steel base frames with single-sided roller axle

Double scale on mobile frame with rollers, barcode scanner and battery power

Order picking scale on mobile base frame
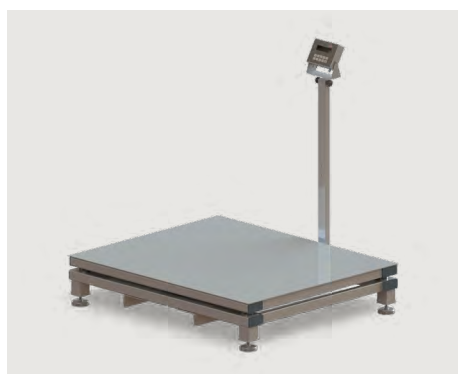
Floor scale with transportation frame for forklifts or pallet trucks

Shipping scale on mobile base frame with 2.000 mm long roller table

Stainless steel scale with mobile frame and display stand

17

Wheel and axle load scale

For weighing vehicles, machinery, containers, and superstructures

We offer customized design and performance figures for the scale
The scale can also be used to weigh machinery and superstructures.

▶ 2 or 4 mobile platforms
▶ As overall weight / axle load / wheel load scale
▶ Various platform sizes and weighing ranges available

Example: 4 load plates can be interconnected into an overall weight scale

Scale terminal in carrying case

Example: Display for wheel load scale; the readings for the 4 connected platforms are displayed individually

Special weighing platforms / solutions

Gas bottle scale, extremely robust, with integrated ramp
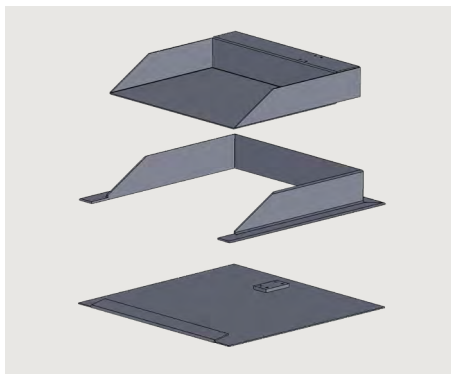
Structure of gas bottle scale
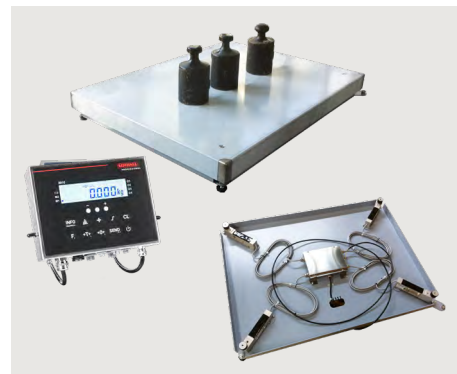
Weighing platform 2894.00 for large platforms with high resolution
Weighing platform 800 x 600 mm platform size and an approvable maximum load of 15 kg.
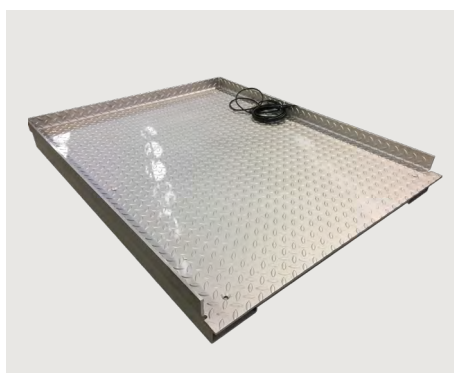
Stainless steel scale with drive-over protection for roller containers

Heating housing for scales operation in deep-freeze warehouses
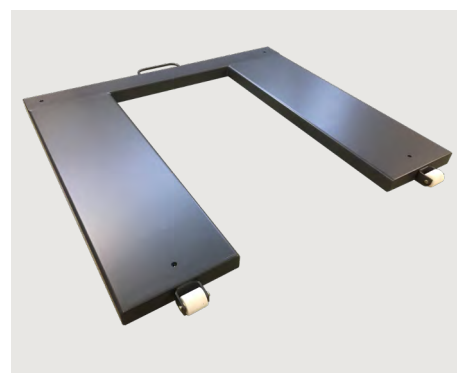
Pallet scale for different pallet sizes
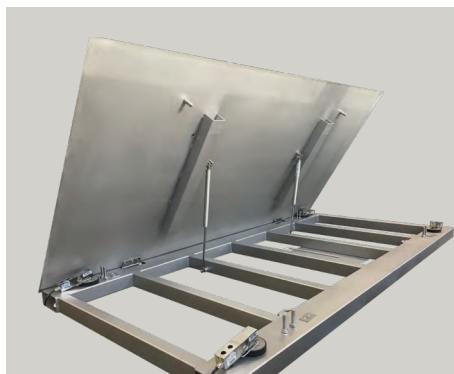
Stainless steel scale hinged in special dimensions

Weighing platform 600 x 500 mm, 800 kg, mobile with castors

Overhead track scale. Special construction for adaptation to structural conditions
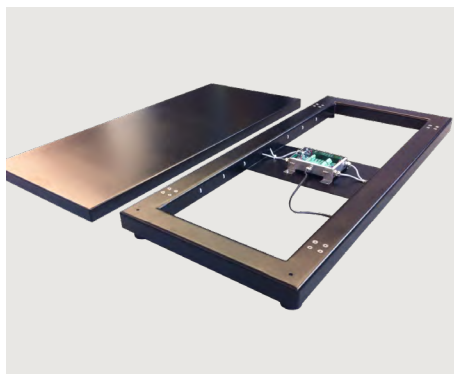
Base frame with weighing platform
Special dimensions, long and narrow, for perfect integration into a worktable.

Scissor lift table with scale technology. A commercially available lift table is mounted onto the scale. Can also be installed in-ground. Load is lifted and then weighed. We can supply the scale for an existing lift table, but also complete solutions, including custom sizes.

Scissor lift table with weighing technology
Scale with roller conveyor mounted on lifting table.

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Approvable heavy-duty weighing platform 2810

For dimensions up to approx. 7.000 x 3.000 mm, weighing ranges up to approx. 20 t

Our engineers develop the ideal design based on customer requirements for the platform size, weighing range, load capacity, ability to drive over, and control load. In addition to relying on static calculations and strength modeling with finite element methods, this also involves reliance on a substantial knowledge base.
The scales can be supplied in painted steel, hot-dip galvanized or stainless steel.
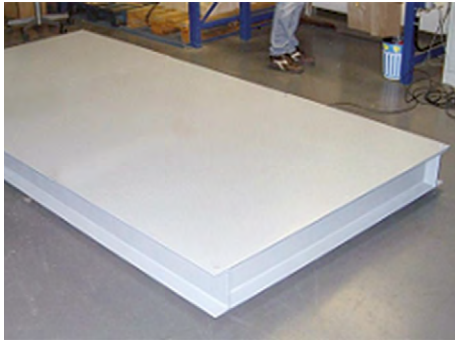
Heavy-duty scale

Heavy-duty scale with opened plate

Load placement onto heavy-duty scale
with special-purpose transport
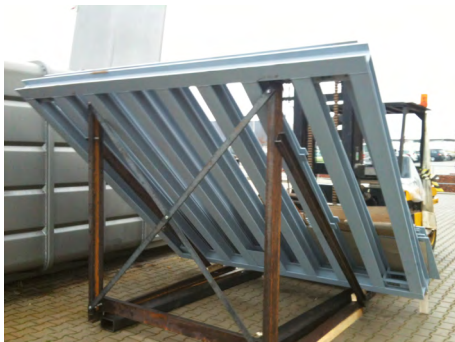
Heavy-duty scale with transport frame
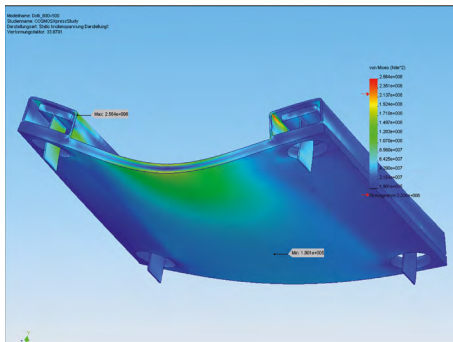
Finite element modeling

Floor scale calibration

Floor scale overlength
Two-piece construction for bolting to the installation site

Load beams overlength
3000 mm long

Weighing frames for integration into conveyor systems

Weighing frames in various versions

for accurately matched integration into conveyor systems with roller tables or ball transfer tables

for manual transportation or in powered driven conveyor systems. Application examples: target value checking, overload checking, order picking, filling, dosing

Weighing frames 286x und 289x

Customized sizes and weighing ranges are available based on standard bench scales.
These scales are available as cost-effective integration solutions for conveyor systems.
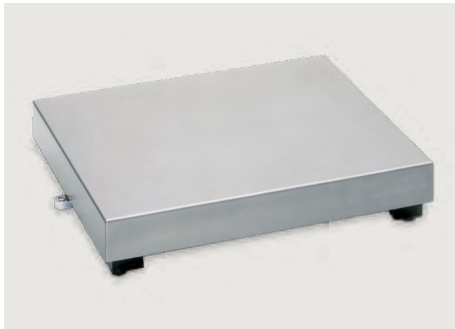
Base frame with stainless steel weighing platform

Ball table mounted on weighing platform

Weighing platform with roller conveyor and underframe

Weighing frames 2885

Constructed from square tubing with one strain-gauge load cell. Customer-specific platform dimensions up to 1.000 x 600 mm, load capacity up to 250 kg
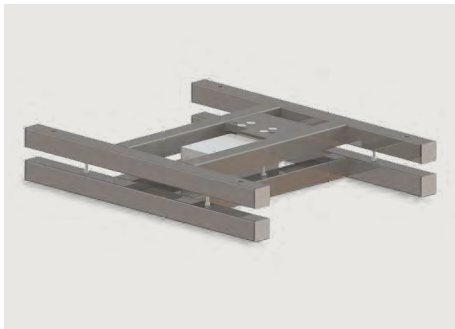
Weighing frame 2885

Weighing frame 2885 with base frame prepared for the reception of customer-specific conveyors

Weighing frames 2819.40

Cost-effective solution consisting of one load frame, also for sizes up to 2.000 mm
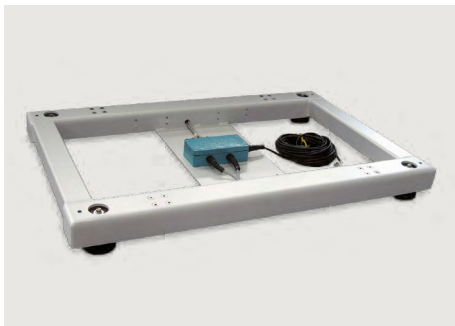
Weighing frame 2819.40
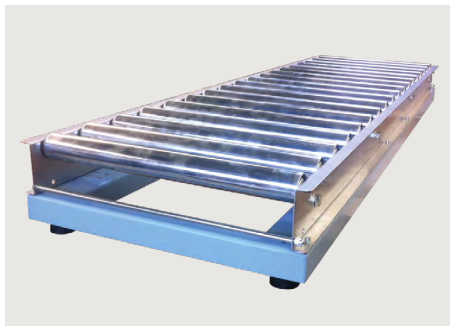
Weighing frame 2819.40 mounted gravity roller conveyor
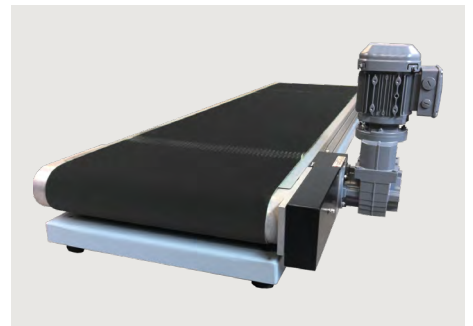
Weighing frame 2819.40 with belt conveyor

Features

- ▶ Customer-specific platform dimensions up to 2,000 x 800 mm
- ▶ Low-profile height of 73 mm
- ▶ Weighing ranges up to 300 kg, approvable
- ▶ With 4 strain-gauge load cells, type SEB46B

- ▶ Designed for integration into transportation systems (e.g. superstructure on a conveyor)
- ▶ Load-bearing structure made from formed and laser cut sheetmetal
- ▶ With mounting holes

- ▶ Top: Threaded holes for mounting into conveyor systems
- ▶ Bottom: rubber feet with blind hole M10-12 depth
- ▶ Conformity assessment ex works

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Weighing frames for integration into conveyor systems

Weighing frames 2819.00

▶ Double frame, screw-mounted on top and bottom for optimized, stress-free integration into customer-supplied structure
▶ Platform dimensions up to 2,000 x 800 mm
▶ Weighing ranges up to 300 kg, approvable
▶ With 4 strain-gauge load cells
▶ Designed for integration into transportation systems (e.g. superstructure on a conveyor)

▶ Load-bearing structure made from formed and laser cut sheetmetal
▶ Top: 4 threaded holes for mounting into conveyor systems
▶ Bottom: 4 threaded holes for mounting into conveyor systems
▶ Conformity assessment ex works
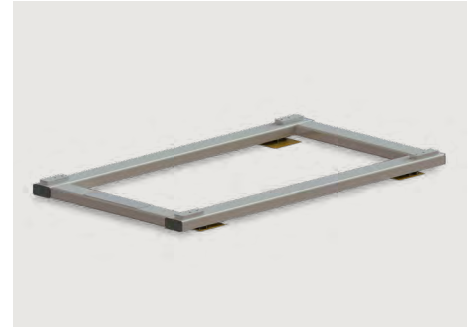
Weighing frames 2812

▶ Profile tube frame, painted steel
▶ Dimensions available from 1.000 x 1.000 mm up to more than 5,000 mm
▶ Overall height from 95 mm and up with top-welded plates
▶ Weighing ranges up to 6 t
▶ 4 or 6 load cells integrated in the tube
▶ Top-welded plates for mounting onto conveyor system, mounting points based on customer specifications
▶ Painted RAL 7001 or other
▶ Including conveyor system, base frame, floor mounting on request
▶ System can be adjusted and calibrated according to conformity assessment

Weighing frame 2819.00 painted
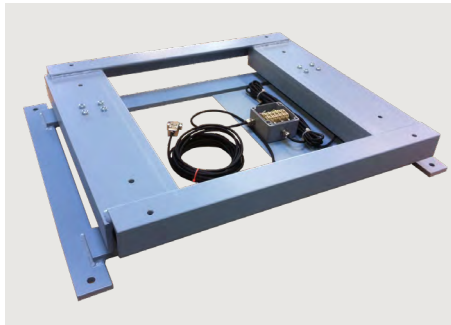
Weighing frame 2819.00 with customer-specific mounting points

Weighing frame 2819.00 stainless steel
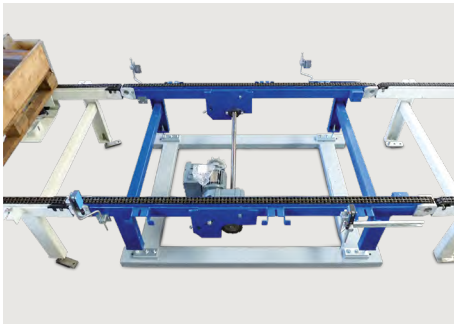
Weighing frame 2812 with top-mounted chain conveyor
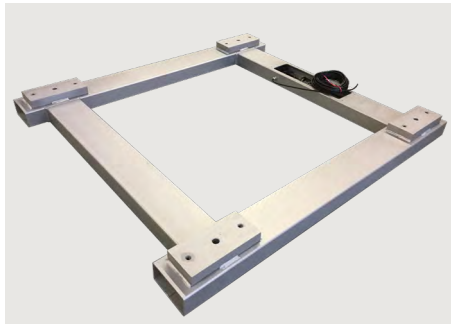
The fixing points are based on the requirements of the customer

Weighing frame 2812 special shape with recessed frame on operator side

Weighing Technology Airport - Check-in

Flight baggage scales 3015

Flight baggage scales consist of
- ▶ A scale frame (see examples on pages 153 – 155) based on customer specifications, for integration into the check-in conveyor, very low-profile design, robust and overload-proof
- ▶ The central unit is in a compact housing for integration into the counter or into the scale frame
- ▶ The scale display is mounted on a low-profile module carrier for flush integration into the counter as an operator and passenger display
- ▶ The 4 or 8-key keyboard is mounted on a low-profile module carrier for flush integration into the counter as an operator and passenger display
- ▶ Separating the display and keyboard facilitates ergonomically optimized placement in the counter

Features
- ▶ Maximum load: 150 kg (others available)
- ▶ Division: 100 g (others available)
- ▶ Approval certificate iaw. OIML R76, class III
- ▶ Variable adjustments possible, functions based on operating specifications
- ▶ LC display, backlit, character height: 16 mm
- ▶ 2 LEDs for "overload" and "totaling complete"
- ▶ Power supply: 100 – 230 V, 50 / 60 Hz, integrated power supply
- ▶ Flush installation of display and keyboard, easy cleaning
- ▶ All modules (display, keyboard, CPU, etc.) are individual elements connected to each other with connectors

Optional
- ▶ RS 232 serial interface, V 24, Ethernet, USB interface, Profinet
- ▶ Potential free overload message
- ▶ Conveyor and counter can be quoted based on customer specification
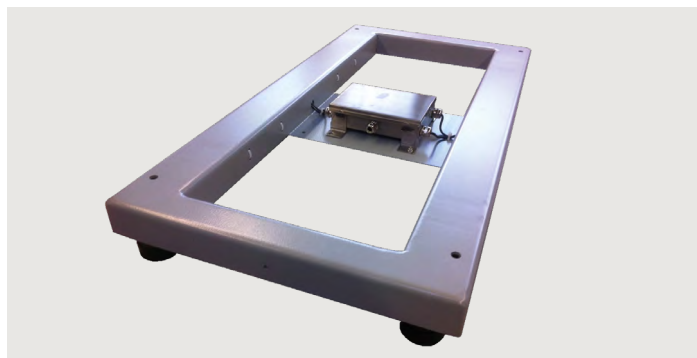
Weighing platform
Weighing frame, flat construction, for mounting under customer-specific check-in conveyors

Weighing platform
Weighing plate with stainless steel platform for check-in situation without conveyor technology

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Weighing Technology Airport - Check-in

Bulky luggage OOG

Weighbridges for weight determination of bulky luggage. For installation above floor, under conveyor, or installed flush with the floor. Various standard dimensions available. Display terminal for wall or table mounting.
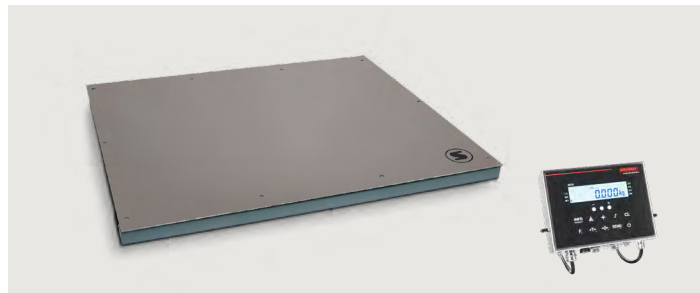
Self Bag Drop solutions

Soehnle Professional baggage scales support automated baggage handling through variable interface options and alibi memory for approval-relevant data.
All scale functions can be controlled by the control system via interfaces.

Baggage Sizer

Check hand luggage for maximum dimensions and weight. Individual design in customer design. Scale with rechargeable battery or mains supply.

Repack Area

Scales for service stations where passengers can repack before check-in to correct excess baggage.

Cargo

Scales for freight weight determination, terminal with identifier management, barcode, large displays, printer, interfaces to logistics software

Accessories

Base frames

We can offer customized base frames for our scale solutions to achieve the specified working height. These base frames are available in painted steel or stainless steel, and are equipped with height adjustable feet. Vibration dampers or wheel sets are also available as complements.
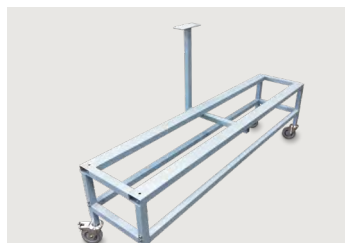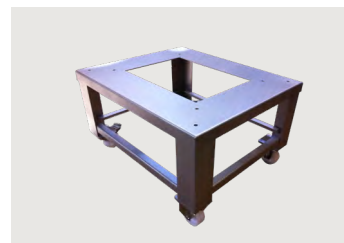

Base frame painted with rollers and flange-mounted stand, height-adjustable

Base frame, painted

Base frame stainless steel, mobile with height-adjustable terminal bracket

Base frame stainless steel, mobile

Scales for use in ATEX areas

ATEX 2/22

▶ The weighing terminals 3010, 3025 and 3035 as well as the weighing platforms 28xx are available with EX equipment 2/22 on request.
▶ The ATEx-equipment for weighing terminals includes a 30 m long mains cable to the fixed (not plug-gable) connection.

ATEX 1/21

▶ Weighbridges 28xx are available with components (load cells, terminal box, measuring cable) for use in EX zone 1/21 on request.
▶ Terminals for use in ATEX 1/21 are available for specific projects. Alternatively, terminals 30xx with Zener barriers can be placed in the safe area.

WLAN and Bluetooth®

Wireless connection of scales to a network, transmission of weighing and identification data. Suitable for scales in mobile use with terminals 38xx and 30xx.
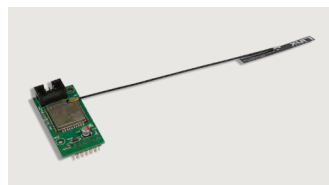
Module with internal antenna for terminals in plastic housing 38xx

Module with external antenna for terminals in stainless steel housing 30xx

The WLAN and Bluetooth® modules are connected via the serial interface slot in the terminals, optimally suited for applications with battery or optional rechargeable battery operation due to the economical power consumption. Range up to 30 m (with clear view).

WLAN
WIFI standards IEEE802.11 b/g/n
Frequency: 2.4 GHz
Encryption: WPA/WPA2/WPA3

Bluetooth®
Bluetooth® Classic profile: SPP (EDP / printer connection)
BLE 4.2 profile: HID (keyboard wedge)

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IT, Software, and communication solutions

Customer-specific requirements for our terminals 30xx and 38xx

Example – custom software 3035

The standard configuration of the 3035 terminal product line includes 10 software applications.

Custom software is also available for other weighing applications.

We can also offer the development of customized solutions.

Example 3035 for custom software solutions as follows:

Database Module

Module mounted in the 3035 terminal, extends the storage capacity for fixed values from 999 to 50,000 entries. Configuration and database maintenance is carried out via a web-based configuration menu, master data is transferred as Excel or CSV files via an RJ45 connector, but can also be entered or changed directly via the keyboard.
Implemented applications: Program control for articles with control values, program counting for articles with piece control values.
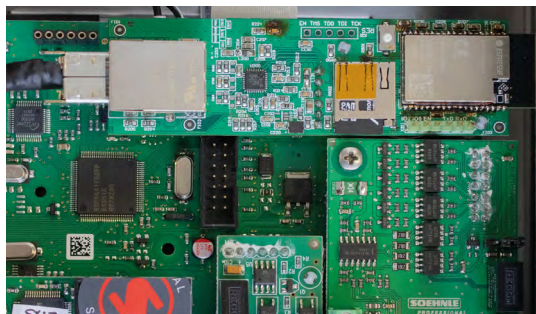
Balance scale

The system of the balance scale consists of two individual weighing bridges with one measuring point each. The two weighbridges are independent of each other and can each other and can each transmit the individual weight to the 3035 program terminal. The weight value of weighing bridge 1 and weighing bridge 2 is displayed. In addition, the sum of both weighbridges is shown in the secondary display. The function keys can be used to toggle the display between weight and percentage display.

Checking with statistics

The program contains a modified control value memory with 2 tolerance thresholds. The control function also processes 2 thresholds. The IO module also receives the new tolerance thresholds as an output signal. as output signal. The print image output receives a print image code that represents the current tolerance state during control. Several counters are introduced for the statistics function: Good, TU2, TU1, TO1, TO2. Further the start date and end date (+time) of the statistics. Further the sum of the good net values. These values can be used also in the printout as print code individually.

Barcode management

With the multiscan function different barcodes can be scanned. The barcode content can be separated, filtered and individual segments can be assigned to different functions.

Composite scale, approvable

The composite scale system consists of two individual weighing platforms with one measuring point each. The two weighing platforms are independent from each other and transmit the individual weight to the 3035 terminal. The weight values from scale 1 and scale 2 are displayed.
The total of both weighing platforms is additionally displayed in the secondary display. The function keys are used to switch the display between weight and percent display. The terminal 3035 is available as a composite scale (standard), see page 99.

Weighing platforms with parallel switching points

A switching point can be assigned by the "dynamic switching" software; the switching point is monitored by the MP and reported to the terminal. The switching signal can be requested by the I/O module.
Measuring points programmed in this manner report their switching points to the terminal even if they are not enabled. Up to 6 weighing platforms with one switching point each, can be connected.
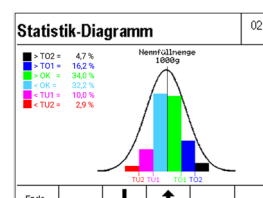
Batch File

Complex processes can be automated by processing up to 5 or 15 jobs one after the other. A pause can be taken after each job.

Software application FPVO

Fill quantity check with statistics according to FPVO for continuous scales with the scale terminal 3035 approved as automatic scale. After entering the target value, the tolerance limits are automatically set, all weighings are stored in the statistics database and immediately evaluated. This allows permanent monitoring of the mean value compliance and direct control of the discharge of incorrect weights. After completion of the batch, the statistics can be displayed and transferred to a USB stick as a CSV file.

Display options Statistics FPVO:

More products of Soehnle Professional

SOEHNLE *PROFESSIONAL*

SOEHNLE *PROFESSIONAL*

Scales

For medical, health & veterinary requirements

Product programme and price list

Shop and retail scales

For trade and commerce

- ▶ Baby scales
- ▶ Personal scales
- ▶ Personal scales with stand
- ▶ Personal scales with handrails
- ▶ Chair weighers
- ▶ Bariatric scales
- ▶ Wheelchair weighers
- ▶ Floor scales
- ▶ Height measuring instruments
- ▶ Veterinary scales
- ▶ Special weighing solutions

- ▶ Pricecalculation compact scales
- ▶ PC scales XS-Scale
- ▶ PC scales K-Scale
- ▶ PC scales TouchScale
- ▶ PC scales OpenScale
- ▶ Applications

In addition to industrial scales, sensors and system solutions, the product portfolio of Soehnle Industrial Solutions also includes a large number of medical scales, shop and retail scales.

OEM

As Original Equipment Manufacturer (OEM), we equip products and components of the most diverse companies with our weighing technology or sensor technology. Even with minor changes, we transform your components into efficient and precise sensors and manufacture them in series.

For further information please contact us!
Via E-Mail under info@sis.gmbh or via phone under +49 7191/34 53-220.

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