SOEHNLE

PROFESSIONAL

kg stainless lb
Scales made in Germany
approvable compact
versatile
Stainless steel
Terminals
robust
Weighing platforms

Industrial scales, sensors, and system solutions

For trade, commerce, and industry

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/s^2. The scales can be optionally calibrated for your setup location.
Please specify the setup location when ordering.

A daily verification with a calibration weight may be appropriate for quality-relevant 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.
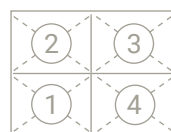
The accuracy for off-center loads should be verified as follows: 1/3 of the nominal load centered on 1/4 of the weighing platform.

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   93/42/EWG – Medical devices   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 17025:2005

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.

ilac-MRA

DAkkS
Deutsche
Akkreditierungsstelle
D-K-20634-01-00

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

Initial calibration and recalibration

Maximum load kg	Order No.
≤ 6	5730.00.001
> 6 ≤ 60	5730.00.002
> 60 ≤ 150	5730.00.003
> 150 ≤ 300	5730.00.004
> 300 ≤ 600	5730.00.005
> 600 ≤ 1.500	5730.00.006
> 1.500 ≤ 2.000	5730.00.007
> 2.000 ≤ 3.000	5730.00.008

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: Shipments are made pursuant to our standard business terms and conditions. See *www.soehnle-professional.com/en/terms*

Delivery: Based on agreement.

Billing: All invoices are categorically made out in Euros unless a different billing method was agreed.

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.

Data set/printing format install: On request, the factory can install an already available data set and/or an available printing format prior to shipping the terminal. For this purpose, your purchase oder must indicate the Order No. 5751.01.004.

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. 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, not approvable scales can be switched to lb. Precision scales in g.

Guarantee: Our products come with a 24 month guarantee. *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 within 1 week = 1;
Delivery within 2 – 3 weeks = 2 – 3;
Delivery within 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 RS 232 interface or have this option.

Scales and terminals are equipped with a USB interface 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 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 and 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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18 Precision scales

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stainless

kg lb

tare

KG

made in Germany

approvable energy-efficient

versatile

Auto-off function

mobile

compact

PLU management

high-resolution

1. Compact scales

The matching scale for any application

Basic
Compact scale

Standard
Compact scale

Professional
Compact scale

Dual Standard
Compact scale

7135
Standard food service scale with stand

9202.10, 9203.10
Compact scale

7135
Standard food service scale

9330
Compact scale

9115
Compact scale

9241
Compact scale

Compact scale Basic

For mobile use

MADE IN GERMANY

30 mm

Features

▶ High-resolution single-range scale, not approvable
▶ Fast and easy single-key operation with extra-large key
▶ 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
▶ Internal user calibration for location-specific adjustments
▶ Weight units switchable between kg and lb
▶ Functions: Weighing, taring, adding, plus / minus / check, hold, removal weighing
▶ Large LC display (no backlighting), character height: 20 mm
▶ Weighing platform: Stainless steel 1.4301, Base frame: Powder-coated steel or stainless steel 1.4301 (only protection class IP 65), terminal housing: Plastic
▶ Integrated rechargeable battery with plug-in power supply 100 – 240 V / 50 – 60 Hz, operating time: ca. 50 hours, charging time: 5.5 hours, UK power adapter see options
▶ Energy-efficient due to integrated Auto-off function of the rechargeable battery with adjustable timer from 1 – 30 minutes or continuous operation

▶ Scale dimensions / scale weight:
310 x 355 x 70 mm, 6 kg
400 x 380 x 75 mm, 10 kg
520 x 480 x 75 mm, 20 kg (powder-coated)
520 x 480 x 100 mm, 23 kg (stainless steel)
▶ Protection class IP 42 or IP 65
▶ Scale leveling up to 10 mm with 4 adjustable feet
▶ Nominal operating temperature: -10°C to 40°C

Options (for protection class IP 42)

▶ RS 232 IT interface installed, Order No.: 2563.21.004
▶ Data cable 3 m, Order No.: 2550.03.014
▶ UK power adapter, Order No.: 2557.25.002
▶ US power adapter (on request)

Please find other accessories and IT interface options on page 19.

CE | IP 65 | IP 42 | Stainless steel | Recha. Batt. | TQM | RS232

Optional

Protection class IP 42

Order No.:	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time week
Size 1, not approvable					
9120.01.040	Powder-coated	310 x 275 x 70	**3**	0,1	1
9120.02.040	Powder-coated	310 x 275 x 70	**6**	0,2	1
9120.03.040	Powder-coated	310 x 275 x 70	**15**	0,5	1
9120.04.040	Powder-coated	310 x 275 x 70	**32**	1	1
Size 2, not approvable					
9121.02.040	Powder-coated	400 x 300 x 75	**6**	0,2	1
9121.03.040	Powder-coated	400 x 300 x 75	**15**	0,5	1
9121.04.040	Powder-coated	400 x 300 x 75	**32**	1	1
9121.05.040	Powder-coated	400 x 300 x 75	**60**	2	1
Size 3, not approvable					
9122.04.040	Powder-coated	520 x 400 x 75	**32**	1	1
9122.05.040	Powder-coated	520 x 400 x 75	**60**	2	1

Protection class IP 65

Order No.:	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time week
Size 1, not approvable					
9120.01.140	Powder-coated	310 x 275 x 70	**3**	0,1	1
9120.02.140	Powder-coated	310 x 275 x 70	**6**	0,2	1
9120.03.140	Powder-coated	310 x 275 x 70	**15**	0,5	1
9120.04.140	Powder-coated	310 x 275 x 70	**32**	1	1
9120.11.140	Stainless steel	310 x 275 x 70	**3**	0,1	1
9120.12.140	Stainless steel	310 x 275 x 70	**6**	0,2	1
9120.13.140	Stainless steel	310 x 275 x 70	**15**	0,5	1
9120.14.140	Stainless steel	310 x 275 x 70	**32**	1	1
Size 2, not approvable					
9121.02.140	Powder-coated	400 x 300 x 75	**6**	0,2	1
9121.03.140	Powder-coated	400 x 300 x 75	**15**	0,5	1
9121.04.140	Powder-coated	400 x 300 x 75	**32**	1	1
9121.05.140	Powder-coated	400 x 300 x 75	**60**	2	1
9121.12.140	Stainless steel	400 x 300 x 75	**6**	0,2	1
9121.13.140	Stainless steel	400 x 300 x 75	**15**	0,5	1
9121.14.140	Stainless steel	400 x 300 x 75	**32**	1	1
Size 3, not approvable					
9122.04.140	Powder-coated	520 x 400 x 75	**32**	1	1
9122.05.140	Powder-coated	520 x 400 x 75	**60**	2	1
9122.14.140	Stainless steel	520 x 400 x 100	**32**	1	1
9122.15.140	Stainless steel	520 x 400 x 100	**60**	2	1

Different models and dimensions available on request.

Compact scale Standard

For various weighing tasks

MADE IN GERMANY

Features

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

▶ Flexible control using 5 control keys with customizable shortcut via user-programmable function key

▶ Terminal can be pulled out by up to 30 mm. Benefits: Bigger weighing surface without obstructing the terminal, better access to plug-in connections

▶ Fast data transfer via integrated RS 232 interface and print function

▶ Connection for large display via optional RS 232 interface, decoupled

▶ Optionally with control light connection for pass / fail quality control

▶ Functions: Weighing, taring, counting, checking, count check, neutral measuring, percent weighing, plus / minus weighing, adding, GLP protocol

▶ PLU memory

▶ Price display: Optional scale software for price calculation and approved transfer to an IT system

▶ Includes software for PLU management for unit weights and tare (compatible with Windows XP and Vista, see accessories on page 19 for matching data cable)

▶ Backlit LC display (dimmable), character height: 16 mm

▶ Realtime clock with date

▶ Power supply options: 100 – 240 V / 50 – 60 Hz, UK power adapter see options

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

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

▶ Scale dimensions / scale weight:
310 x 355 x 70 mm, 6 kg
400 x 380 x 75 mm, 10 kg
520 x 480 x 75 mm, 20 kg (powder-coated)
520 x 480 x 100 mm, 23 kg (stainless steel)

▶ Protection class IP 42

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

▶ Recommended minimum reference weight for counting parts: 3 divisions

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

▶ Ethernet interface installed, Order No.: 2563.45.002

▶ USB interface installed, incl. 3 m cable, Order No.: 2563.47.004

▶ Bluetooth™ interface installed, Order No.: 2563.12.001

▶ Pricing display software, Order No.: 2564.50.001

▶ Alibi software installed, Order No.: 2792.20.002

▶ Rechargeable battery pack installed for mains-independent operation, operating time: ca. 30 hours (depends on settings), charging time: 5.5 hours, Order No.: 2557.40.001

▶ Control light, 4 lights, Order No.: 2551.04.001

▶ Control light, 3 lights, Order No.: 2551.50.002

▶ UK power adapter, Order No.: 2557.25.002

▶ US power adapter (on request)

Please find other accessories and IT integration options on page 19 and in sections 14, 15, 16 and 17.

CE | Class III | M | IP 42 | Stainless steel | RS232 | TQM | PSU | RS232 | USB | industrial ETHER NET | Recha. Batt. | TM Bluetooth

Optional

Order No.:	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time week
Size 1, approvable					
7130.01.010	Powder-coated	310 x 275 x 70	1,5 | **3**	0,5 | 1	1
7130.02.010	Powder-coated	310 x 275 x 70	3 | **6**	1 | 2	1
7130.02.020	Powder-coated	310 x 275 x 70	1,5 | 3 | **6**	0,5 | 1 | 2	1
7130.03.010	Powder-coated	310 x 275 x 70	6 | **15**	2 | 5	1
7130.03.020	Powder-coated	310 x 275 x 70	3 | 6 | **15**	1 | 2 | 5	1
7130.04.010	Powder-coated	310 x 275 x 70	20 | **35**	5 | 10	1
7130.04.020	Powder-coated	310 x 275 x 70	6 | 15 | **30**	2 | 5 | 10	1
7130.11.010	Stainless steel	310 x 275 x 70	1,5 | **3**	0,5 | 1	1
7130.12.010	Stainless steel	310 x 275 x 70	3 | **6**	1 | 2	1
7130.12.020	Stainless steel	310 x 275 x 70	1,5 | 3 | **6**	0,5 | 1 | 2	1
7130.13.010	Stainless steel	310 x 275 x 70	6 | **15**	2 | 5	1
7130.13.020	Stainless steel	310 x 275 x 70	3 | 6 | **15**	1 | 2 | 5	1
7130.14.010	Stainless steel	310 x 275 x 70	15 | **30**	5 | 10	1
7130.14.020	Stainless steel	310 x 275 x 70	6 | 15 | **30**	2 | 5 | 10	1
Not approvable					
9130.01.040	Powder-coated	310 x 275 x 70	**3**	0,1	1
9130.02.040	Powder-coated	310 x 275 x 70	**6**	0,2	1
9130.03.040	Powder-coated	310 x 275 x 70	**15**	0,5	1
9130.04.040	Powder-coated	310 x 275 x 70	**32**	1	1
Size 2, approvable					
7131.02.010	Powder-coated	400 x 300 x 75	3 | **6**	1 | 2	1
7131.02.020	Powder-coated	400 x 300 x 75	1,5 | 3 | **6**	0,5 | 1 | 2	1
7131.03.010	Powder-coated	400 x 300 x 75	6 | **15**	2 | 5	1
7131.04.010	Powder-coated	400 x 300 x 75	20 | **35**	5 | 10	1
7131.04.020	Powder-coated	400 x 300 x 75	6 | 15 | **30**	2 | 5 | 10	1
7131.05.010	Powder-coated	400 x 300 x 75	30 | **60**	10 | 20	1
7131.12.010	Stainless steel	400 x 300 x 75	3 | **6**	1 | 2	1
7131.12.020	Stainless steel	400 x 300 x 75	1,5 | 3 | **6**	0,5 | 1 | 2	1
7131.13.010	Stainless steel	400 x 300 x 75	6 | **15**	2 | 5	1
7131.14.010	Stainless steel	400 x 300 x 75	15 | **30**	5 | 10	1
7131.14.020	Stainless steel	400 x 300 x 75	6 | 15 | **30**	2 | 5 | 10	1
Not approvable					
9131.02.040	Powder-coated	400 x 300 x 75	**6**	0,2	1
9131.03.040	Powder-coated	400 x 300 x 75	**15**	0,5	1
9131.04.040	Powder-coated	400 x 300 x 75	**32**	1	1
9131.05.040	Powder-coated	400 x 300 x 75	**60**	2	1
Size 3, approvable					
7132.04.010	Powder-coated	520 x 400 x 75	15 | **30**	5 | 10	1
7132.05.010	Powder-coated	520 x 400 x 75	30 | **60**	10 | 20	1
7132.14.010	Stainless steel	520 x 400 x 100	15 | **30**	5 | 10	1
7132.15.010	Stainless steel	520 x 400 x 100	30 | **60**	10 | 20	1
7132.15.020	Stainless steel	520 x 400 x 100	15 | 30 | **60**	5 | 10 | 20	1
Not approvable					
9132.04.040	Powder-coated	520 x 400 x 75	**32**	1	1
9132.05.040	Powder-coated	520 x 400 x 75	**60**	2	1

Different models and dimensions available on request.

Compact scale Professional

For professional use

MADE IN GERMANY

30 mm

Features

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

▶ Terminal with 12-key operator control and customizable shortcut with user-programmable function keys

▶ High protection class IP 65 as protection against dust and water spray in rough environments

▶ Fast data transfer via integrated RS 232 interface and print function

▶ Connection for large display via optional RS 232 interface, decoupled

▶ With second scale interface for easy implementation of counting scale systems. Can be combined with the weighing platforms on page 65 and up

▶ Optionally with control light display connection for quality assurance by pass / fail check

▶ Functions: Weighing, taring, counting (with reference weight optimization and add mode), count check, checking, PLU checking, totaling, order picking, recipe measuring, dosing, neutral measuring, percent weighing, plus / minus weighing, adding, GLP protocol

▶ PLU memory

▶ Includes software for PLU management for unit weights, target values, count check, tare, and recipe values (compatible with Windows XP and Vista, see accessories on page 19 for matching data cable)

▶ Backlit LC display (dimmable), character height: 16 mm

▶ Realtime clock with date

▶ Power supply mode: 100 – 240 V / 50 – 60 Hz, UK power adapter see options

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

▶ Scale dimensions / scale weight:
310 x 355 x 70 mm, 6 kg
400 x 380 x 75 mm, 10 kg
520 x 480 x 75 mm, 20 kg (powder-coated)
520 x 480 x 100 mm, 23 kg (stainless steel)

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

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

▶ Recommended minimum reference weight for counting parts: 3 divisions

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

▶ Ethernet interface installed, Order No.: 2563.45.002

▶ USB interface installed, Order No.: 2563.47.002

▶ Bluetooth™ interface installed, Order No.: 2563.12.001

▶ Second display installed, Order No.: 2562.70.002

▶ Alibi software installed, Order No.: 2792.20.002

▶ Rechargeable battery pack installed for mains-independent operation, operating time: ca. 30 hours (depends on settings), charging time: 5.5 hours, Order No.: 2557.40.002

▶ Control light, 4 lights, Order No.: 2551.04.001

▶ Control light, 3 lights, Order No.: 2551.50.002

▶ UK power adapter, Order No.: 2557.25.002

▶ US power adapter (on request)

Find other accessories and options for IT integration and printer solutions on page 19 and in sections 14, 15, 16 and 17.

CE | Class III | M | IP 65 | Stainless steel | RS232 | TQM | PSU | RS232 | USB | industrial ETHER NET | Recha. Batt. | TM Bluetooth

Optional

Order No.:	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time week
Size 1, approvable					
7140.01.110	Powder-coated	310 x 275 x 70	1,5 | **3**	0,5 | 1	1
7140.02.110	Powder-coated	310 x 275 x 70	3 | **6**	1 | 2	1
7140.02.120	Powder-coated	310 x 275 x 70	1,5 | 3 | **6**	0,5 | 1 | 2	1
7140.03.110	Powder-coated	310 x 275 x 70	6 | **15**	2 | 5	1
7140.03.120	Powder-coated	310 x 275 x 70	3 | 6 | **15**	1 | 2 | 5	1
7140.04.110	Powder-coated	310 x 275 x 70	20 | **35**	5 | 10	1
7140.04.120	Powder-coated	310 x 275 x 70	6 | 15 | **30**	2 | 5 | 10	1
7140.11.110	Stainless steel	310 x 275 x 70	1,5 | **3**	0,5 | 1	1
7140.12.110	Stainless steel	310 x 275 x 70	3 | **6**	1 | 2	1
7140.12.120	Stainless steel	310 x 275 x 70	1,5 | 3 | **6**	0,5 | 1 | 2	1
7140.13.110	Stainless steel	310 x 275 x 70	6 | **15**	2 | 5	1
7140.13.120	Stainless steel	310 x 275 x 70	3 | 6 | **15**	1 | 2 | 5	1
7140.14.110	Stainless steel	310 x 275 x 70	15 | **30**	5 | 10	1
7140.14.120	Stainless steel	310 x 275 x 70	6 | 15 | **30**	2 | 5 | 10	1
Not approvable					
9140.01.140	Powder-coated	310 x 275 x 70	**3**	0,1	1
9140.02.140	Powder-coated	310 x 275 x 70	**6**	0,2	1
9140.03.140	Powder-coated	310 x 275 x 70	**15**	0,5	1
9140.04.140	Powder-coated	310 x 275 x 70	**32**	1	1
Size 2, approvable					
7141.02.110	Powder-coated	400 x 300 x 75	3 | **6**	1 | 2	1
7141.02.120	Powder-coated	400 x 300 x 75	1,5 | 3 | **6**	0,5 | 1 | 2	1
7141.03.110	Powder-coated	400 x 300 x 75	6 | **15**	2 | 5	1
7141.04.110	Powder-coated	400 x 300 x 75	20 | **35**	5 | 10	1
7141.04.120	Powder-coated	400 x 300 x 75	6 | 15 | **30**	2 | 5 | 10	1
7141.05.110	Powder-coated	400 x 300 x 75	30 | **60**	10 | 20	1
7141.12.110	Stainless steel	400 x 300 x 75	3 | **6**	1 | 2	1
7141.12.120	Stainless steel	400 x 300 x 75	1,5 | 3 | **6**	0,5 | 1 | 2	1
7141.13.110	Stainless steel	400 x 300 x 75	6 | **15**	2 | 5	1
7141.14.110	Stainless steel	400 x 300 x 75	15 | **30**	5 | 10	1
7141.14.120	Stainless steel	400 x 300 x 75	6 | 15 | **30**	2 | 5 | 10	1
Not approvable					
9141.02.140	Powder-coated	400 x 300 x 75	**6**	0,2	1
9141.03.140	Powder-coated	400 x 300 x 75	**15**	0,5	1
9141.04.140	Powder-coated	400 x 300 x 75	**32**	1	1
9141.05.140	Powder-coated	400 x 300 x 75	**60**	2	1
Size 3, approvable					
7142.04.110	Powder-coated	520 x 400 x 75	15 | **30**	5 | 10	1
7142.05.110	Powder-coated	520 x 400 x 75	30 | **60**	10 | 20	1
7142.14.110	Stainless steel	520 x 400 x 100	15 | **30**	5 | 10	1
7142.15.110	Stainless steel	520 x 400 x 100	30 | **60**	10 | 20	1
7142.15.120	Stainless steel	520 x 400 x 100	15 | 30 | **60**	5 | 10 | 20	1
Not approvable					
9142.04.140	Powder-coated	520 x 400 x 75	**32**	1	1
9142.05.140	Powder-coated	520 x 400 x 75	**60**	2	1

Different models and dimensions available on request.

Compact scale Dual Standard

For mail and package shipping

MADE IN GERMANY

Features

▶ Approvable dual-range scale with extra-high overall resolution

▶ Approvable iaw. accuracy class III

▶ Flexible control using 5 control keys with customizable shortcut via programmable function key

▶ Ideal for use in logistics, transportation, and shipping applications, optionally for determining shipping fees for mail and packages (minimum load: 5 g)

▶ High-speed data transfer via integrated RS 232 interface and print function

▶ Functions: Weighing, taring

▶ Backlit LC display (dimmable), character height: 16 mm

▶ Power supply mode: 100 – 240 V / 50 – 60 Hz, UK power adapter see options

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

▶ Scale dimensions / scale weight: 350 x 328 x 120 mm, 9,5 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

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

▶ Ethernet interface installed, Order No.: 2563.45.002

▶ USB interface incl. 3 m USB data cable and integrated interface for second display, Order No.: 2563.47.005

▶ Bluetooth™ interface installed, Order No.: 2563.12.001

▶ UK power adapter, Order No.: 2557.25.002

▶ Alibi software installed, Order No.: 2792.20.002

Please find other accessories, IT integration options, and printer solutions on page 19 and in sections 14, 15, 16 and 17.

Order No.:	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time week
Approvable					
7195.04.101	Powder-coated	350 x 248 x 120	3 | **32**	1 | 10	1

Different models and dimensions available on request.

CE | Class III | M | IP 42 | Stainless steel | RS232 | TQM | PSU | RS232 | USB B | industrial ETHER NET | ™ Bluetooth

Optional

Standard food service scale 7135

MADE IN
GERMANY

For catering applications

Features

▶ For self-service restaurants, experiential catering, in confectionery and pastry shops, highway restaurants, snack bars, cinemas and coffee shops, cafeterias, canteens and schools

▶ The scale can be used as a salad scale, candy scale, check scale, portioning scale, and as a basis for pricing

▶ Intended for point of sale integration

▶ Standard configuration as approvable dual-range scale (accuracy class III)

▶ Flexible control using 5 control keys with customizable shortcut via user-programmable function key and fixed tare value memory

▶ Fast data transfer via integrated RS 232 interface and print function

▶ Functions: Weighing, taring, zero reset, plus / minus weighing, adding, checking, neutral measuring

▶ PLU memory

▶ Includes software for PLU management (compatible with Windows XP and Vista, see accessories on page 19 for matching data cable)

▶ Backlit operator LC display (dimmable), character height: 16 mm

▶ Customer display (no backlighting), character height: 16 mm

▶ Integrated realtime clock with date

▶ Power supply mode: 100 – 240 V / 50 – 60 Hz, UK power adapter see options

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

▶ Scale dimensions / scale weight: 310 x 430 x 70 mm, 6 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

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

▶ Ethernet interface installed, Order No.: 2563.45.002

▶ USB interface installed, Order No.: 2563.47.004

▶ Bluetooth™ interface installed, Order No.: 2563.12.001

▶ Alibi software installed, Order No.: 2792.20.002

▶ UK power adapter, Order No.: 2557.25.002

▶ Rechargeable battery pack installed for mains-independent operation, operating time: ca. 30 hours(depends on settings), charging time: 5.5 hours, Order No.: 2557.40.001

▶ Pricing software, Order No.: 2564.50.001

Please find other accessories, IT integration options, and printer solutions on page 19 and in sections 14, 15, 16 and 17.

Order No.:	Configuration	Platform size mm	Maximum load kg	Division g	Delivery time week
Approvable					
7135.02.011	Variable configuration: second display with wall-bracket	310 x 275 x 70	3 | **6**	1 | 2	1
7135.02.010	Compact design: second display installed on weighing platform	310 x 275 x 70	3 | **6**	1 | 2	1
7135.02.015	Stand configuration: second display on stand	310 x 275 x 70	3 | **6**	1 | 2	1

Different models and dimensions available on request.

CE | Class III | M | IP 42 | Stainless steel | RS232 | TQM | PSU | RS232 | USB | industrial ETHER NET | ™ Bluetooth | Recha. Batt.

Optional

Customer checkweigher

For the food trade

9135

9135

9150

Features

▶ Non approvable

▶ Slanted display for easy readability

▶ Fast and easy single-key operation with extra-large key

▶ Internal user calibration for location-specific adjustments

▶ Weight units switchable between kg and lb

▶ Functions: Weighing, taring, adding, plus / minus / check, hold, removal weighing

▶ Large LC display (no backlighting), character height: 20 mm

▶ Weighing platform: Stainless steel 1.4301,
  Base frame: Powder-coated steel or stainless steel
  1.4301 (only protection class IP 65), terminal housing: Plastic

▶ Power supply mode: 100 – 240 V / 50 – 60 Hz, 3m

▶ Scale dimensions / scale weight:
  9150: 310 x 355 x 70 mm, 6 kg
  9135: 310 x 450 x 70 mm, 6 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

Order No.:	Configuration	Platform size	Maximum load	Division	Delivery time
		mm	kg	g	from
Not approvable					
9150.02.030	One display	310 x 275	**6**	2	1
9135.00.007	With second display	310 x 275	**6**	2	1

Optional

Accessories for compact scales

For catalog pages 10 – 18

Accessories	Order No.:	Basic P No.	Standard P No.	Professional P No.
Appr.				
Alibi memory installed*	2792.		20.002	20.002
Plug-in interface with ID chip installed, approvable section point between compact and second scale*	2550.			05.002
Interfaces/Data cables				
▭ RS 232 IT interface installed, 9 pin (not decoupled)*	2563.	21.004		
▭ IT data cable for Basic and Standard 3 m, 9 pin, data cable for Professional 2 m, 5 pin – 9 pin (for not decoupled interface)	2550.	03.014	03.014	
⊙ RS 232 IT interface installed, 5 pin (decoupled)*	2563.		21.002	21.002
⊙ IT cable 2 m, 5 pin – 9 pin, (for decoupled interface)	2550.		03.002	03.002
⊙ IT cable 2 – 10 m, 5 pin – 9 pin, (for decoupled interface)	2550.		00.008	00.008
USB interface installed*	2563.			47.002
USB data cable 2 m	2550.			03.011
USB- / second display interface, incl. 3 m USB cable*	2563.		47.004	
Ethernet interface installed, incl. 10 m patch cable* (not combined with rechargeable battery pack)	2563.		45.002	45.002
WLAN module configured (only in conjunction with installed Ethernet interface)*	2563.		10.004	10.004
Bluetooth™ interface installed*	2563.		12.001	12.001
Printers				
Label printer with cut-off device, print width up to 104 mm (thermo-direct)	2795.		12.001	12.001
Label printer, print width up to 108 mm (thermo-direct)	2795.		20.001	20.001
Tape printer, paper width up to 76 mm (9 pin)	2795.		14.001	14.001
▭ Printer cable 2 m, 9 pin – 25 pin, (for not decoupled interface)	2550.		03.015	
▭ Printer cable 1.8 m. 9 pin (printer 2795.20.001)	2550.		03.030	
⊙ Printer cable 5 pin – 25 pin, (for decoupled interface)	2550.		03.007	03.007
⊙ Printer cable 5 pin – 25 pin, 2 – 10 m (for decoupled interface)	2550.		00.009	00.009
Displ./Contr. light				
Second display installed, protection class IP 65, dimensions: 270 x 85 x 58 mm, cable 2 m, 5 pin plug, incl. interface, no backlighting, power supplied by scale*	2562.		70.002	70.002
Large display LED 100 mm, 5 pin plug with 15 m cable	2562.		01.003	01.003
Second display LED 38 mm, 5 pin plug with 15 m cable	2562.		12.001	12.001
Control light, 4 lights* (no retrofit possible)	2551.		04.001	04.001
Control light, 3 lights* (no retrofit possible)	2551.		50.002	50.002
Software				
PC service software (print image design, data record, printer setup)	2564.		10.001	10.001
Scale Connecting, software for transferring scale data to PC-based software	2564.		20.002	20.002
Scale Connecting Plus, extensive software for transferring scale data to PC-based software (with activation code)	2564.	20.005	20.005	20.005
Pricing software	2564.		50.001	
Software for linking scale to SAP R/3, via RS 232, USB or Ethernet	2564.		20.006	20.006
Miscellaneous				
Keyboard wedge USB, for RS 232 scale interface to PC USB interface (additionally required data cable 2550.03.011, 9 pin connection 37xx - PC)	2563.	00.008	00.008	00.008
Rechargeable battery pack installed for mains-independent operation* (not combined with ethernet interface)	2557.		40.001	40.002
UK power adapter	2557.	25.002	25.002	25.002
Name plate, blank (only for second scale interface Professional)	2512.			06.001
Name plate, with entries	2512.		06.002	06.002

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
▶ LC display with 20 mm character height
▶ 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 32 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.:
Power supply 9 V, 300 mA, jack plug	5901.00.001

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
▶ 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	Maximum load	Division	Delivery time
	mm	kg	g	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
► LC display with 20 mm character height
► 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   Bat   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, hold, checking
▶ Weighing platform made from 1.4301 stainless steel
▶ Impact-resistant ABS plastic housing
▶ Protection class IP 54
▶ LC display with 24 mm character height
▶ 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

2. Retail scales

For food retail sales

Retail scale 9360

For sales as retail scale

Features

- Approvable class III retail scales
- Easy and accurate weight and price determination
- 5 direct PLU memory locations, 99 additional PLU memory locations
- Direct price entry
- Set key for prices
- Audio key acknowledgment
- Functions: Automatic selling price calculation, taring, change calculatio
- Display for weight, unit price, and selling price
- Second display for the customer on back of scale
- Switchover between EUR / 100 g and EUR / kg
- Backlit LC display with 20 mm character height
- Dual-range scale with precision division in the lower weighing range, resulting in a smaller approved minimum load

- Power supply mode: 230 V, 50 Hz
- Standard configuration includes rechargeable battery for approx. 70 hours of continuous operation, charge level warning and power supply with charging function
- Weighing platform made from 1.4301 stainless steel
- Housing made from low-maintenance plastics
- Dimensions: 370 x 360 x 130 mm
- Scale weight: 5.8 kg

Order No.:	Platform size	Maximum load	Division	Approved minimum load	Delivery time
	mm	kg	g	g	from
Approvable					
9360.01.001	370 x 240	3 | **6**	1 | 2	20	LAG
9360.02.001	370 x 240	6 | **15**	2 | 5	40	LAG

kg

lb

energy-efficient

Auto-off function

professional

separate display

approvable

flexible

stainless

rechargeable battery

3. Bench scales

Terminal with flexible placement options

Basic
Bench scale

Standard
Bench scale

Professional
Bench scale

73xx, 93xx
Bench scale Standard and stainless steel

9055/56/57
Bench scales and stand scales

Bench scale Basic

For simple weighing tasks

MADE IN GERMANY

Features

▶ Bench scale with separate display and 2.5 m cable, includes wall bracket

▶ Fast and easy single-key operation with extra-large key

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

▶ Internal user calibration for location-specific adjustments

▶ Weight units switchable between kg and lb

▶ Functions: Weighing, taring, adding, plus / minus weighing, hold

▶ Large LC display, character height: 20 mm (no backlighting)

▶ Weighing platform: Stainless steel 1.4301,
Base frame: Powder-coated steel or 1.4301 stainless steel
(only protection class IP 65), terminal housing: Plastic

▶ Integrated rechargeable battery with plug-in power supply 100 – 240 V / 50 – 60 Hz, operating time: ca. 50 hours, charging time: 5.5 hours, UK power adapter see options

▶ Energy-efficient due to integrated Auto-off function of the rechargeable battery with adjustable timer from 1 – 30 minutes or continuous operation

▶ Scale dimensions / scale weight:
Platforms:
310 x 275 x 70 mm, 6 kg
400 x 300 x 75 mm, 10 kg
520 x 400 x 75 mm, 20 kg (powder-coated)
520 x 400 x 100 mm, 23 kg (stainless steel)
660 x 550 x 105 mm, 40 kg
660 x 550 x 135 mm, 25 kg
800 x 600 x 135 mm, 30 kg
Terminal: 270 x 85 x 58 mm, 1,2 kg

▶ Protection class IP 42 or IP 65

▶ Scale leveling up to 10 mm with 4 adjustable feet

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

Options (for protection class IP 42)

▶ RS 232 IT interface installed, Order No.: 2563.21.004

▶ Data cable 3 m, Order No.: 2550.03.014

▶ UK power adapter, Order No.: 2557.25.002

▶ US power adapter (on request)

Please find other accessories and IT interface options on page 37.

CE | IP 65 | IP 42 | Stainless steel | Recha. Batt. | TQM | RS232

Optional

Protection class IP 42

Order No.:	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time week
Size 1, not approvable					
9520.01.040	Powder-coated	310 x 275 x 70	**3**	0,1	1
9520.02.040	Powder-coated	310 x 275 x 70	**6**	0,2	1
9520.03.040	Powder-coated	310 x 275 x 70	**15**	0,5	1
9520.04.040	Powder-coated	310 x 275 x 70	**32**	1	1
Size 2, not approvable					
9521.02.040	Powder-coated	400 x 300 x 75	**6**	0,2	1
9521.03.040	Powder-coated	400 x 300 x 75	**15**	0,5	1
9521.04.040	Powder-coated	400 x 300 x 75	**32**	1	1
9521.05.040	Powder-coated	400 x 300 x 75	**60**	2	1
Size 3, not approvable					
9522.04.040	Powder-coated	520 x 400 x 75	**32**	1	1
9522.05.040	Powder-coated	520 x 400 x 75	**60**	2	1
9522.06.040	Powder-coated	520 x 400 x 75	**150**	5	1
Size 4, not approvable					
9523.05.040	Powder-coated	660 x 550 x 105	**60**	2	1
9523.06.040	Powder-coated	660 x 550 x 105	**150**	5	1
9523.07.040	Powder-coated	660 x 550 x 135	**300**	10	1
Size 5, not approvable					
9524.06.040	Powder-coated	800 x 600 x 135	**150**	5	1
9524.07.040	Powder-coated	800 x 600 x 135	**300**	10	1

Protection class IP 65 versions continued on next page

Bench scale Basic – protection class IP 65

Order No.:	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time week
Size 1, not approvable					
9520.01.140	Powder-coated	310 x 275 x 70	**3**	0,1	1
9520.02.140	Powder-coated	310 x 275 x 70	**6**	0,2	1
9520.03.140	Powder-coated	310 x 275 x 70	**15**	0,5	1
9520.04.140	Powder-coated	310 x 275 x 70	**32**	1	1
9520.11.140	Stainless steel	310 x 275 x 70	**3**	0,1	1
9520.12.140	Stainless steel	310 x 275 x 70	**6**	0,2	1
9520.13.140	Stainless steel	310 x 275 x 70	**15**	0,5	1
9520.14.140	Stainless steel	310 x 275 x 70	**32**	1	1
Size 2, not approvable					
9521.02.140	Powder-coated	400 x 300 x 75	**6**	0,2	1
9521.03.140	Powder-coated	400 x 300 x 75	**15**	0,5	1
9521.04.140	Powder-coated	400 x 300 x 75	**32**	1	1
9521.05.140	Powder-coated	400 x 300 x 75	**60**	2	1
9521.12.140	Stainless steel	400 x 300 x 75	**6**	0,2	1
9521.13.140	Stainless steel	400 x 300 x 75	**15**	0,5	1
9521.14.140	Stainless steel	400 x 300 x 75	**32**	1	1
Size 3, not approvable					
9522.04.140	Powder-coated	520 x 400 x 75	**32**	1	1
9522.05.140	Powder-coated	520 x 400 x 75	**60**	2	1
9522.06.140	Powder-coated	520 x 400 x 75	**150**	5	1
9522.14.140	Stainless steel	520 x 400 x 100	**32**	1	1
9522.15.140	Stainless steel	520 x 400 x 100	**60**	2	1
9522.16.140	Stainless steel	520 x 400 x 100	**150**	5	1
Size 4, not approvable					
9523.05.140	Powder-coated	660 x 550 x 105	**60**	2	1
9523.06.140	Powder-coated	660 x 550 x 105	**150**	5	1
9523.07.140	Powder-coated	660 x 550 x 130	**300**	10	1
9523.15.140	Stainless steel	660 x 550 x 105	**60**	2	1
9523.16.140	Stainless steel	660 x 550 x 105	**150**	5	1
9523.17.140	Stainless steel	660 x 550 x 135	**300**	10	1
Size 5, not approvable					
9524.06.140	Powder-coated	800 x 600 x 135	**150**	5	1
9524.07.140	Powder-coated	800 x 600 x 135	**300**	10	1
9524.16.140	Stainless steel	800 x 600 x 135	**150**	5	1
9524.17.140	Stainless steel	800 x 600 x 135	**300**	10	1

Different models and dimensions available on request.

Bench scale Standard

For various weighing tasks

Features

▶ Bench scale with separate display and 2.5 m cable, includes wall bracket

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

▶ Flexible control using 5 control keys with customizable shortcut via user-programmable function key

▶ Fast data transfer via integrated RS 232 interface and print function

▶ Connection for large display via optional RS 232 interface, decoupled

▶ Optionally with control light display connection for quality assurance by pass / fail control

▶ Functions: Weighing, taring, count check (checking and counting), plus / minus weighing, adding, checking, counting, neutral measuring, percent weighing, GLP / GMP protocol

▶ PLU memory

▶ Includes software for PLU management for unit weights and tare (compatible with Windows XP and Vista, see accessories for matching data cable)

▶ Backlit LC display (dimmable), character height: 16 mm

▶ Realtime clock with date

▶ Power supply mode: 100 – 240 V / 50 – 60 Hz, UK power adapter see options

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

▶ Scale dimensions / scale weight:
310 x 275 x 70 mm, 6 kg
400 x 300 x 75 mm, 10 kg
520 x 400 x 75 mm, 20 kg
520 x 400 x 100 mm, 23 kg
660 x 550 x 105 mm, 40 kg
660 x 550 x 135 mm, 25 kg
800 x 600 x 135 mm, 30 kg
Terminal: 270 x 85 x 58 mm, 1,2 kg

▶ Protection class IP 42

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

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

▶ Recommended minimum reference weight for counting parts: 3 divisions

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

▶ Ethernet interface installed, Order No.: 2563.45.002

▶ USB interface installed, incl. 3 m cable, Order No.: 2563.47.004

▶ Bluetooth™ interface installed, Order No.: 2563.12.001

▶ Pricing software, Order No.: 2564.50.001

▶ Alibi software installed, Order No.: 2792.20.002

▶ Rechargeable battery pack installed for mains-independent operation, operating time: ca. 30 hours (depends on settings), charging time: 5.5 hours, Order No.: 2557.40.001

▶ Control light, 4 lights, Order No.: 2551.04.001

▶ Control light, 3 lights, Order No.: 2551.50.002

▶ UK power adapter, Order No.: 2557.25.002

▶ US power adapter (on request)

Find other accessories and options for IT integration and printer solutions on page 37 and in sections 14, 15, 16 and 17.

Continued on next page

Bench scale Standard

Bench scale Standard

Order No.:	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time week
Size 1, approvable					
7530.01.010	Powder-coated	310 x 275 x 70	1,5 | **3**	0,5 | 1	1
7530.02.010	Powder-coated	310 x 275 x 70	3 | **6**	1 | 2	1
7530.02.020	Powder-coated	310 x 275 x 70	1,5 | 3 | **6**	0,5 | 1 | 2	1
7530.03.010	Powder-coated	310 x 275 x 70	6 | **15**	2 | 5	1
7530.03.020	Powder-coated	310 x 275 x 70	3 | 6 | **15**	1 | 2 | 5	1
7530.04.010	Powder-coated	310 x 275 x 70	20 | **35**	5 | 10	1
7530.04.020	Powder-coated	310 x 275 x 70	6 | 15 | **30**	2 | 5 | 10	1
7530.11.010	Stainless steel	310 x 275 x 70	1,5 | **3**	0,5 | 1	1
7530.12.010	Stainless steel	310 x 275 x 70	3 | **6**	1 | 2	1
7530.12.020	Stainless steel	310 x 275 x 70	1,5 | 3 | **6**	0,5 | 1 | 2	1
7530.13.010	Stainless steel	310 x 275 x 70	6 | **15**	2 | 5	1
7530.13.020	Stainless steel	310 x 275 x 70	3 | 6 | **15**	1 | 2 | 5	1
7530.14.010	Stainless steel	310 x 275 x 70	15 | **30**	5 | 10	1
7530.14.020	Stainless steel	310 x 275 x 70	6 | 15 | **30**	2 | 5 | 10	1
Not approvable					
9530.01.040	Powder-coated	310 x 275 x 70	**3**	0,1	1
9530.02.040	Powder-coated	310 x 275 x 70	**6**	0,2	1
9530.03.040	Powder-coated	310 x 275 x 70	**15**	0,5	1
9530.04.040	Powder-coated	310 x 275 x 70	**32**	1	1
Size 2, approvable					
7531.02.010	Powder-coated	400 x 300 x 75	3 | **6**	1 | 2	1
7531.02.020	Powder-coated	400 x 300 x 75	1,5 | 3 | **6**	0,5 | 1 | 2	1
7531.03.010	Powder-coated	400 x 300 x 75	6 | **15**	2 | 5	1
7531.04.010	Powder-coated	400 x 300 x 75	20 | **35**	5 | 10	1
7531.04.020	Powder-coated	400 x 300 x 75	6 | 15 | **30**	2 | 5 | 10	1
7531.05.010	Powder-coated	400 x 300 x 75	30 | **60**	10 | 20	1
7531.12.010	Stainless steel	400 x 300 x 75	3 | **6**	1 | 2	1
7531.12.020	Stainless steel	400 x 300 x 75	1,5 | 3 | **6**	0,5 | 1 | 2	1
7531.13.010	Stainless steel	400 x 300 x 75	6 | **15**	2 | 5	1
7531.14.010	Stainless steel	400 x 300 x 75	15 | **30**	5 | 10	1
7531.14.020	Stainless steel	400 x 300 x 75	6 | 15 | **30**	2 | 5 | 10	1
Not approvable					
9531.02.040	Powder-coated	400 x 300 x 75	**6**	0,2	1
9531.03.040	Powder-coated	400 x 300 x 75	**15**	0,5	1
9531.04.040	Powder-coated	400 x 300 x 75	**32**	1	1
9531.05.040	Powder-coated	400 x 300 x 75	**60**	2	1

Different models and dimensions available on request.

Order No.:	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time week
Size 3, approvable					
7532.04.010	Powder-coated	520 x 400 x 75	15 | **30**	5 | 10	1
7532.05.010	Powder-coated	520 x 400 x 75	30 | **60**	10 | 20	1
7532.06.010	Powder-coated	520 x 400 x 75	60 | **150**	20 | 50	1
7532.14.010	Stainless steel	520 x 400 x 100	15 | **30**	5 | 10	1
7532.15.010	Stainless steel	520 x 400 x 100	30 | **60**	10 | 20	1
7532.15.020	Stainless steel	520 x 400 x 100	15 | 30 | **60**	5 | 10 | 20	1
7532.16.010	Stainless steel	520 x 400 x 100	60 | **150**	20 | 50	1
Not approvable					
9532.04.040	Powder-coated	520 x 400 x 75	**32**	1	1
9532.05.040	Powder-coated	520 x 400 x 75	**60**	2	1
9532.06.040	Powder-coated	520 x 400 x 75	**150**	5	1
Size 4, approvable					
7533.05.010	Powder-coated	660 x 550 x 105	30 | **60**	10 | 20	1
7533.05.020	Powder-coated	660 x 550 x 105	15 | 30 | **60**	5 | 10 | 20	1
7533.06.010	Powder-coated	660 x 550 x 105	60 | **150**	20 | 50	1
7533.06.020	Powder-coated	660 x 550 x 105	30 | 60 | **150**	10 | 20 | 50	1
7533.07.010	Powder-coated	660 x 550 x 135	150 | **300**	50 | 100	1
Not approvable					
9533.05.040	Powder-coated	660 x 550 x 105	**60**	2	1
9533.06.040	Powder-coated	660 x 550 x 105	**150**	5	1
9533.07.040	Powder-coated	660 x 550 x 135	**300**	10	1
Size 5, approvable					
7534.06.010	Powder-coated	800 x 600 x 135	60 | **150**	20 | 50	1
7534.07.010	Powder-coated	800 x 600 x 135	150 | **300**	50 | 100	1
Not approvable					
9534.06.040	Powder-coated	800 x 600 x 135	**150**	5	1
9534.07.040	Powder-coated	800 x 600 x 135	**300**	10	1

Different models and dimensions available on request.

Bench scale Professional

For professional use

MADE IN
GERMANY

Features

▶ Bench scale with separate display and 2.5 m cable, includes wall bracket

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

▶ Terminal with 12-key operator control and customizable shortcut with user-programmable function key

▶ High protection class IP 65 as protection against dust and water spray in rough environments

▶ Fast data transfer via integrated RS 232 interface and print function

▶ Connection for large display via optional RS 232 interface, decoupled

▶ With second scale interface for easy implementation of counting scale systems. Can be combined with the weighing platforms on page 65 and up

▶ Optionally with control light connection for pass / fail quality control

▶ Functions: Weighing, taring, plus / minus weighing, adding, checking, recipe weighing, totaling, order picking, counting, count check, neutral measuring, percent weighing, PLU controls, dosing, GLP / GMP protocol

▶ PLU memory

▶ Includes software for PLU management for unit weights, target values, count check, tare, and recipe values (compatible with Windows XP and Vista, see accessories on page 37 for matching data cable)

▶ Backlit LC display (dimmable), character height: 16 mm

▶ Realtime clock with date

▶ Power supply mode: 100 – 240 V / 50 – 60 Hz, UK power adapter see options

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

▶ Scale dimensions / scale weight:
Platforms:
310 x 275 x 70 mm, 6 kg
400 x 300 x 75 mm, 10 kg
520 x 400 x 75 mm, 20 kg (powder-coated)
520 x 400 x 100 mm, 23 kg (stainless steel)
660 x 550 x 105 mm, 40 kg
660 x 550 x 135 mm, 25 kg
800 x 600 x 135 mm, 30 kg
Terminal: 270 x 85 x 58 mm, 1,2 kg

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

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

▶ Recommended minimum reference weight for counting parts: 3 divisions

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

▶ Ethernet interface installed, Order No.: 2563.45.002

▶ USB interface installed, Order No.: 2563.47.002

▶ Bluetooth™ interface installed, Order No.: 2563.12.001

▶ Second display installed, Order No.: 2562.70.002

▶ Alibi software installed, Order No.: 2792.20.002

▶ Rechargeable battery pack installed for mains-independent operation, operating time: ca. 30 hours (depends on settings), charging time: 5.5 hours, Order No.: 2557.40.002

▶ Control light, 4 lights, Order No.: 2551.04.001

▶ Control light, 3 lights, Order No.: 2551.50.002

▶ UK power adapter, Order No.: 2557.25.002

▶ US power adapter (on request)

Optional

Order No.:	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time week
Size 1, approvable					
7540.01.110	Powder-coated	310 x 275 x 70	1,5 | **3**	0,5 | 1	1
7540.02.110	Powder-coated	310 x 275 x 70	3 | **6**	1 | 2	1
7540.02.120	Powder-coated	310 x 275 x 70	1,5 | 3 | **6**	0,5 | 1 | 2	1
7540.03.110	Powder-coated	310 x 275 x 70	6 | **15**	2 | 5	1
7540.03.120	Powder-coated	310 x 275 x 70	3 | 6 | **15**	1 | 2 | 5	1
7540.04.110	Powder-coated	310 x 275 x 70	20 | **35**	5 | 10	1
7540.04.120	Powder-coated	310 x 275 x 70	6 | 15 | **30**	2 | 5 | 10	1
7540.11.110	Stainless steel	310 x 275 x 70	1,5 | **3**	0,5 | 1	1
7540.12.110	Stainless steel	310 x 275 x 70	3 | **6**	1 | 2	1
7540.12.120	Stainless steel	310 x 275 x 70	1,5 | 3 | **6**	0,5 | 1 | 2	1
7540.13.110	Stainless steel	310 x 275 x 70	6 | **15**	2 | 5	1
7540.13.120	Stainless steel	310 x 275 x 70	3 | 6 | **15**	1 | 2 | 5	1
7540.14.110	Stainless steel	310 x 275 x 70	15 | **30**	5 | 10	1
7540.14.120	Stainless steel	310 x 275 x 70	6 | 15 | **30**	2 | 5 | 10	1
Not approvable					
9540.01.140	Powder-coated	310 x 275 x 70	**3**	0,1	1
9540.02.140	Powder-coated	310 x 275 x 70	**6**	0,2	1
9540.03.140	Powder-coated	310 x 275 x 70	**15**	0,5	1
9540.04.140	Powder-coated	310 x 275 x 70	**32**	1	1
Size 2, approvable					
7541.02.110	Powder-coated	400 x 300 x 75	3 | **6**	1 | 2	1
7541.02.120	Powder-coated	400 x 300 x 75	1,5 | 3 | **6**	0,5 | 1 | 2	1
7541.03.110	Powder-coated	400 x 300 x 75	6 | **15**	2 | 5	1
7541.04.110	Powder-coated	400 x 300 x 75	20 | **35**	5 | 10	1
7541.04.120	Powder-coated	400 x 300 x 75	6 | 15 | **30**	2 | 5 | 10	1
7541.05.110	Powder-coated	400 x 300 x 75	30 | **60**	10 | 20	1
7541.12.110	Stainless steel	400 x 300 x 75	3 | **6**	1 | 2	1
7541.12.120	Stainless steel	400 x 300 x 75	1,5 | 3 | **6**	0,5 | 1 | 2	1
7541.13.110	Stainless steel	400 x 300 x 75	6 | **15**	2 | 5	1
7541.14.110	Stainless steel	400 x 300 x 75	15 | **30**	5 | 10	1
7541.14.120	Stainless steel	400 x 300 x 75	6 | 15 | **30**	2 | 5 | 10	1
Not approvable					
9541.02.140	Powder-coated	400 x 300 x 75	**6**	0,2	1
9541.03.140	Powder-coated	400 x 300 x 75	**15**	0,5	1
9541.04.140	Powder-coated	400 x 300 x 75	**32**	1	1
9541.05.140	Powder-coated	400 x 300 x 75	**60**	2	1

*Please find other accessories, IT integration options, and printer solutions on page 37
and in sections 14, 15, 16 and 17.*

Bench scale Professional

Order No.:	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time week
Size 3, approvable					
7542.04.110	Powder-coated	520 x 400 x 75	15 | **30**	5 | 10	1
7542.05.110	Powder-coated	520 x 400 x 75	30 | **60**	10 | 20	1
7542.06.110	Powder-coated	520 x 400 x 75	60 | **150**	20 | 50	1
7542.14.110	Stainless steel	520 x 400 x 100	15 | **30**	5 | 10	1
7542.15.110	Stainless steel	520 x 400 x 100	30 | **60**	10 | 20	1
7542.15.120	Stainless steel	520 x 400 x 100	15 | 30 | **60**	5 | 10 | 20	1
7542.16.110	Stainless steel	520 x 400 x 100	60 | **150**	20 | 50	1
Not approvable					
9542.04.140	Powder-coated	520 x 400 x 75	**32**	1	1
9542.05.140	Powder-coated	520 x 400 x 75	**60**	2	1
9542.06.140	Powder-coated	520 x 400 x 75	**150**	5	1
Size 4, approvable					
7543.05.110	Powder-coated	660 x 550 x 105	30 | **60**	10 | 20	1
7543.05.120	Powder-coated	660 x 550 x 105	15 | 30 | **60**	5 | 10 | 20	1
7543.06.110	Powder-coated	660 x 550 x 105	60 | **150**	20 | 50	1
7543.06.120	Powder-coated	660 x 550 x 105	30 | 60 | **150**	10 | 20 | 50	1
7543.07.110	Powder-coated	660 x 550 x 130	150 | **300**	50 | 100	1
7543.15.110	Stainless steel	660 x 550 x 105	30 | **60**	10 | 20	1
7543.15.120	Stainless steel	660 x 550 x 105	15 | 30 | **60**	5 | 10 | 20	1
7543.16.110	Stainless steel	660 x 550 x 105	60 | **150**	20 | 50	1
7543.16.120	Stainless steel	660 x 550 x 105	30 | 60 | **150**	10 | 20 | 50	1
7543.17.110	Stainless steel	660 x 550 x 135	150 | **300**	50 | 100	1
Not approvable					
9543.05.140	Powder-coated	660 x 550 x 105	**60**	2	1
9543.06.140	Powder-coated	660 x 550 x 105	**150**	5	1
9543.07.140	Powder-coated	660 x 550 x 135	**300**	10	1
9543.15.140	Stainless steel	660 x 550 x 105	**60**	2	1
9543.16.140	Stainless steel	660 x 550 x 105	**150**	5	1
9543.17.140	Stainless steel	660 x 550 x 130	**300**	10	1
Size 5, approvable					
7544.06.110	Powder-coated	800 x 600 x 135	60 | **150**	20 | 50	1
7544.07.110	Powder-coated	800 x 600 x 135	150 | **300**	50 | 100	1
7544.16.110	Stainless steel	800 x 600 x 135	60 | **150**	20 | 50	1
7544.17.110	Stainless steel	800 x 600 x 135	150 | **300**	50 | 100	1
Not approvable					
9544.06.140	Powder-coated	800 x 600 x 135	**150**	5	1
9544.07.140	Powder-coated	800 x 600 x 135	**300**	10	1
9544.16.140	Stainless steel	800 x 600 x 135	**150**	5	1
9544.17.140	Stainless steel	800 x 600 x 135	**300**	10	1

Different models and dimensions available on request.

Accessories for bench scales

For catalog pages 28 – 38

Accessories		Order No.:	Basic P-Nr.	Standard P-Nr.	Professional P-Nr.
Appr.	Alibi memory installed*	2792.		20.002	20.002
	Plug-in interface with ID chip installed, approvable section point between compact and second scale*	2550.			05.002
Interfaces/Data cables	▦ RS 232 IT interface installed, 9 pin (not decoupled)*	2563.	21.004		
	▦ IT data cable for Basic and Standard 3 m, 9 pin, data cable for Professional 2 m, 5 pin – 9 pin (for not decoupled interface)	2550.	03.014	03.014	
	⊙ RS 232 IT interface installed, 5 pin (decoupled)*	2563.		21.002	21.002
	⊙ IT cable 2 m, 5 pin – 9 pin, (for decoupled interface)	2550.		03.002	03.002
	⊙ IT cable 2 – 10 m, 5 pin – 9 pin, (for decoupled interface)	2550.		00.008	00.008
	USB interface installed*	2563.			47.002
	USB data cable 2 m	2550.			03.011
	USB / second display interface, incl. 3 m USB cable*	2563.		47.004	
	Ethernet interface installed, incl. 10 m patch cable* (not combined with rechargeable battery pack)	2563.		45.002	45.002
	WLAN module configured (only in conjunction with installed Ethernet interface)*	2563.		10.004	10.004
	Bluetooth™ interface installed*	2563.		12.001	12.001
Printers	Label printer with cut-off device, print width up to 104 mm (thermo-direct)	2795.		12.001	12.001
	Label printer, print width up to 108 mm (thermo-direct)	2795.		20.001	20.001
	Tape printer, paper width up to 76 mm (9 pin)	2795.		14.001	14.001
	▦ Printer cable 2 m, 9 pin – 25 pin, (for not decoupled interface)	2550.		03.015	
	▦ Printer cable 1.8 m. 9 pin (printer 2795.20.001)	2550.		03.030	
	⊙ Printer cable 5 pin – 25 pin, (for decoupled interface)	2550.		03.007	03.007
	⊙ Printer cable 5 pin – 25 pin, 2 – 10 m (for decoupled interface)	2550.		00.009	00.009
Displ./Contr. light	Second display installed, protection class IP 65, dimensions: 270 x 85 x 58 mm, cable 2 m, 5 pin plug, incl. interface, no backlighting, power supplied by scale*	2562.		70.002	70.002
	Large display LED 100 mm, 5 pin plug with 15 m cable	2562.		01.003	01.003
	Second display LED 38 mm, 5 pin plug with 15 m cable	2562.		12.001	12.001
	Control light, 4 lights* (no retrofit possible)	2551.		04.001	04.001
	Control light, 3 lights* (no retrofit possible)	2551.		50.002	50.002
Software	PC service software (print image design, data record, printer setup)	2564.		10.001	10.001
	Scale Connecting, software for transferring scale data to PC-based software	2564.		20.002	20.002
	Scale Connecting Plus, extensive software for transferring scale data to PC-based software (with activation code)	2564.	20.005	20.005	20.005
	Pricing software	2564.		50.001	
	Software for linking scale to SAP R/3, to link scale via RS 232, USB or Ethernet	2564.		20.006	20.006
Miscellaneous	Keyboard wedge USB, for RS 232 scale interface to PC USB interface (additionally required data cable 2550.03.011, 9 pin connection 37xx - PC)	2563.	00.008	00.008	00.008
	Rechargeable battery pack installed for mains-independent operation* (not combined with ethernet interface)	2557.		40.001	40.002
	UK power adapter	2557.	25.002	25.002	25.002
	Name plate, blank (only for second scale interface Professional)	2512.			06.001
	Name plate, with entries	2512.		06.002	06.002

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 Standard 73x, 93x

For demanding goods receiving, production, and shipping applications

Features

- ▶ Approvable two or three-range scale (accuracy class III) and high-resolution single-range scale, not approvable
- ▶ Base terminal 3010 with 10-key operator control
- ▶ Functions: Weighing and taring, counting, totalising, batching, withdrawal weighing, switching point programming, checking, count checking, dosing
- ▶ Display switchover from kg to lb
- ▶ Includes wall / stand bracket made from 1.4301 stainless steel
- ▶ Display unit 3010 in stainless steel housing: Protection class IP 65
- ▶ 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
- ▶ Backlit LC display with 16 mm character height
- ▶ Three LEDs red / yellow / green as control lights
- ▶ Integrated power supply for 100 – 240 V
- ▶ 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 table (see page 73)

Other accessories, see base terminal 3010 pages 106–108

Optional

Order No.:	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time week
Size 1, approvable					
7390.01.110	Powder-coated	310 x 275 x 70	1,5 | **3**	0,5 | 1	1
7390.02.110	Powder-coated	310 x 275 x 70	3 | **6**	1 | 2	1
7390.02.120	Powder-coated	310 x 275 x 70	1,5 | 3 | **6**	0,5 | 1 | 2	1
7390.03.110	Powder-coated	310 x 275 x 70	6 | **15**	2 | 5	1
7390.03.120	Powder-coated	310 x 275 x 70	3 | 6 | **15**	1 | 2 | 5	1
7390.04.110	Powder-coated	310 x 275 x 70	20 | **35**	5 | 10	1
7390.04.120	Powder-coated	310 x 275 x 70	6 | 15 | **30**	2 | 5 | 10	1
Not approvable					
9390.01.140	Powder-coated	310 x 275 x 70	**3**	0,1	1
9390.02.140	Powder-coated	310 x 275 x 70	**6**	0,2	1
9390.03.140	Powder-coated	310 x 275 x 70	**15**	0,5	1
9390.04.140	Powder-coated	310 x 275 x 70	**32**	1	1
Size 2, approvable					
7391.02.110	Powder-coated	400 x 300 x 75	3 | **6**	1 | 2	1
7391.02.120	Powder-coated	400 x 300 x 75	1,5 | 3 | **6**	0,5 | 1 | 2	1
7391.03.110	Powder-coated	400 x 300 x 75	6 | **15**	2 | 5	1
7391.04.110	Powder-coated	400 x 300 x 75	20 | **35**	5 | 10	1
7391.04.120	Powder-coated	400 x 300 x 75	6 | 15 | **30**	2 | 5 | 10	1
7391.05.110	Powder-coated	400 x 300 x 75	30 | **60**	10 | 20	1
Not approvable					
9391.02.140	Powder-coated	400 x 300 x 75	**6**	0,2	1
9391.03.140	Powder-coated	400 x 300 x 75	**15**	0,5	1
9391.04.140	Powder-coated	400 x 300 x 75	**32**	1	1
9391.05.140	Powder-coated	400 x 300 x 75	**60**	2	1
Size 3, approvable					
7392.04.110	Powder-coated	520 x 400 x 75	15 | **30**	5 | 10	1
7392.05.110	Powder-coated	520 x 400 x 75	30 | **60**	10 | 20	1
7392.06.110	Powder-coated	520 x 400 x 75	60 | **150**	20 | 50	1
Not approvable					
9392.04.140	Powder-coated	520 x 400 x 75	**32**	1	1
9392.05.140	Powder-coated	520 x 400 x 75	**60**	2	1
9392.06.140	Powder-coated	520 x 400 x 75	**150**	5	1
Size 4, approvable					
7393.05.110	Powder-coated	660 x 550 x 105	30 | **60**	10 | 20	1
7393.05.120	Powder-coated	660 x 550 x 105	15 | 30 | **60**	5 | 10 | 20	1
7393.06.110	Powder-coated	660 x 550 x 105	60 | **150**	20 | 50	1
7393.06.120	Powder-coated	660 x 550 x 105	30 | 60 | **150**	10 | 20 | 50	1
7393.07.110	Powder-coated	660 x 550 x 135	150 | **300**	50 | 100	1
Not approvable					
9393.05.140	Powder-coated	660 x 550 x 105	**60**	2	1
9393.06.140	Powder-coated	660 x 550 x 105	**150**	5	1
9393.07.140	Powder-coated	660 x 550 x 135	**300**	10	1
Size 5, approvable					
7394.06.110	Powder-coated	800 x 600 x 135	60 | **150**	20 | 50	1
7394.07.110	Powder-coated	800 x 600 x 135	150 | **300**	50 | 100	1
Not approvable					
9394.06.140	Powder-coated	800 x 600 x 135	**150**	5	1
9394.07.140	Powder-coated	800 x 600 x 135	**300**	10	1

Different models and dimensions available on request.

Bench scale stainless steel 73x, 93x

MADE IN GERMANY

For demanding chemical, pharmaceutical, and food processing applications

Features

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

▶ Base terminal 3010 with 10-key operator control

▶ Functions: Weighing and taring, counting, totalising, batching, withdrawal weighing, switching point programming, checking, count checking, dosing

▶ Display switchover from kg to lb

▶ Includes wall / stand bracket made from 1.4301 stainless steelDisplay unit 3010 in stainless steel housing: Protection class IP 67

▶ 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

▶ LC display with 16 mm character height

▶ Three LEDs red / yellow / green as control lights

▶ Integrated power supply for 100 – 240 V

▶ 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 table in stainless steel on request

Other accessories, see base terminal 3010 pages 106 – 108

Optional

Order No.:	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time week
Size 1, approvable					
7390.11.110	Stainless steel	310 x 275 x 70	1,5 | **3**	0,5 | 1	1
7390.12.110	Stainless steel	310 x 275 x 70	3 | **6**	1 | 2	1
7390.12.120	Stainless steel	310 x 275 x 70	1,5 | 3 | **6**	0,5 | 1 | 2	1
7390.13.110	Stainless steel	310 x 275 x 70	6 | **15**	2 | 5	1
7390.13.120	Stainless steel	310 x 275 x 70	3 | 6 | **15**	1 | 2 | 5	1
7390.14.110	Stainless steel	310 x 275 x 70	15 | **30**	5 | 10	1
7390.14.120	Stainless steel	310 x 275 x 70	6 | 15 | **30**	2 | 5 | 10	1
Not approvable					
9390.11.140	Stainless steel	310 x 275 x 70	**3**	0,1	1
9390.12.140	Stainless steel	310 x 275 x 70	**6**	0,2	1
9390.13.140	Stainless steel	310 x 275 x 70	**15**	0,5	1
9390.14.140	Stainless steel	310 x 275 x 70	**32**	1	1
Size 2, approvable					
7391.12.110	Stainless steel	400 x 300 x 75	3 | **6**	1 | 2	1
7391.12.120	Stainless steel	400 x 300 x 75	1,5 | 3 | **6**	0,5 | 1 | 2	1
7391.13.110	Stainless steel	400 x 300 x 75	6 | **15**	2 | 5	1
7391.14.110	Stainless steel	400 x 300 x 75	15 | **30**	5 | 10	1
7391.14.120	Stainless steel	400 x 300 x 75	6 | 15 | **30**	2 | 5 | 10	1
Not approvable					
9391.12.140	Stainless steel	400 x 300 x 75	**6**	0,2	1
9391.13.140	Stainless steel	400 x 300 x 75	**15**	0,5	1
9391.14.140	Stainless steel	400 x 300 x 75	**32**	1	1
Size 3, approvable					
7392.14.110	Stainless steel	520 x 400 x 100	15 | **30**	5 | 10	1
7392.15.110	Stainless steel	520 x 400 x 100	30 | **60**	10 | 20	1
7392.15.120	Stainless steel	520 x 400 x 100	15 | 30 | **60**	5 | 10 | 20	1
7392.16.110	Stainless steel	520 x 400 x 100	60 | **150**	20 | 50	1
7392.16.120	Stainless steel	520 x 400 x 100	30 | 60 | **150**	10 | 20 | 50	1
Not approvable					
9392.14.140	Stainless steel	520 x 400 x 100	**32**	1	1
9392.15.140	Stainless steel	520 x 400 x 100	**60**	2	1
9392.16.140	Stainless steel	520 x 400 x 100	**150**	5	1
Size 4, approvable					
7393.15.110	Stainless steel	660 x 550 x 105	30 | **60**	10 | 20	1
7393.15.120	Stainless steel	660 x 550 x 105	15 | 30 | **60**	5 | 10 | 20	1
7393.16.110	Stainless steel	660 x 550 x 105	60 | **150**	20 | 50	1
7393.16.120	Stainless steel	660 x 550 x 105	30 | 60 | **150**	10 | 20 | 50	1
7393.17.110	Stainless steel	660 x 550 x 135	150 | **300**	50 | 100	1
Not approvable					
9393.15.140	Stainless steel	660 x 550 x 105	**60**	2	1
9393.16.140	Stainless steel	660 x 550 x 105	**150**	5	1
9393.17.140	Stainless steel	660 x 550 x 135	**300**	10	1
Size 5, approvable					
7394.16.110	Stainless steel	800 x 600 x 135	60 | **150**	20 | 50	1
7394.17.110	Stainless steel	800 x 600 x 135	150 | **300**	50 | 100	1
Not approvable					
9394.16.140	Stainless steel	800 x 600 x 135	**150**	5	1
9394.17.140	Stainless steel	800 x 600 x 135	**300**	10	1

Different models and dimensions available on request.

Bench and stand scales 9055/56/57, 9955

For applications not subject to approval mandate

MADE IN
GERMANY

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
▶ Fast and easy single-key operation with extra-large key
▶ Battery mode supports flexible use at different locations
▶ Energy-efficient due to integrated Auto-off function of the rechargeable
  battery with adjustable timer from 1 – 30 minutes or continuous operation
▶ Internal user calibration for location-specific adjustments
▶ Weight units switchable between kg and lb
▶ Functions: Weighing, taring, adding, plus / minus weighing, hold
▶ Includes wall bracket (on configurations with separate display)
▶ Large LC display, character height: 20 mm
▶ Weighing platform: Stainless steel 1.4301,
  Base frame: Painted or galvanized sheetmetal
▶ Integrated rechargeable battery with plug-in power supply
  100 – 240 V / 50 – 60 Hz, operating time: ca. 50 hours,
  charging time: 5.5 hours, UK power adapter see options

▶ Scale dimensions / scale weight:
  Bench scales:
  310 x 275 x 35 mm, 2,4 kg
  520 x 400 x 70 mm, 11 kg
  660 x 545 x 85 mm, 28,6 kg
  Stand scale:
  310 x 400 x 520 mm, 5,1 kg
▶ Protection class IP 42
▶ Nominal operating temperature: -10°C to 40°C

Options

▶ RS 232 IT interface installed, Order No.: 2563.21.004
▶ Data cable 3 m, Order No.: 2550.03.014
▶ UK power adapter, Order No.: 2557.25.002
▶ US power adapter (on request)

CE IP 42 Stain-less steel Recha. Batt. TQM RS232

Optional

Order No.:	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time week
Size 1 – separate display, not approvable					
9055.01.002	Galvanized steel sheet	310 x 275 x 35	**15**	5	1
9055.02.002	Galvanized steel sheet	310 x 275 x 35	**30**	10	1
9055.03.002	Galvanized steel sheet	310 x 275 x 35	**60**	20	1
Size 2 – separate display, not approvable					
9056.02.002	painted anthracite grey	520 x 400 x 70	**30**	10	1
9056.03.002	painted anthracite grey	520 x 400 x 70	**60**	20	1
9056.04.002	painted anthracite grey	520 x 400 x 70	**150**	50	1
Size 3 – separate display, not approvable					
9057.04.002	painted anthracite grey	660 x 545 x 85	**150**	50	1
9057.05.002	painted anthracite grey	660 x 545 x 85	**200**	100	1
Size 1 – with stand for display, not approvable					
9955.01.002	Galvanized steel sheet	310 x 275 x 35	**15**	5	1
9955.02.002	Galvanized steel sheet	310 x 275 x 35	**30**	10	1
9955.03.002	Galvanized steel sheet	310 x 275 x 35	**60**	20	1

Accessories for bench scales or stand scales 90xx

Order No.:	Configuration
2563.21.004	RS 232 IT interface installed, 9 pin*
2550.03.014	IT data cable 3 m, 9 pin
2564.20.005	Scale Connecting Plus, extensive software for transferring scale data to PC-based software (with activation code)
2557.25.002	UK 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
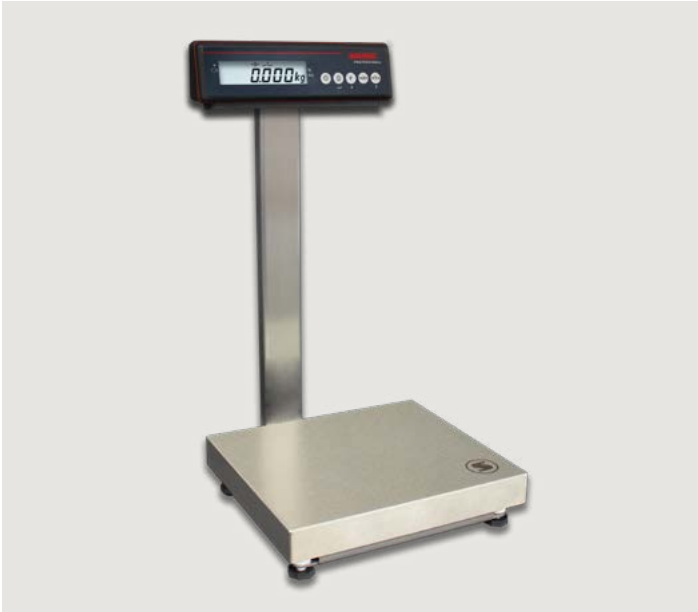
stand display

plus / minus control

4. Stand scales

Information at eye level
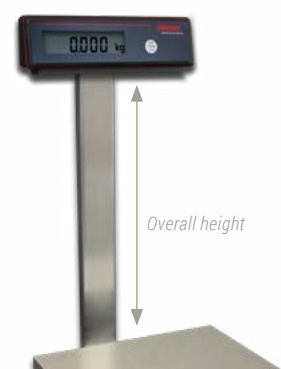
Basic
Stand scale

Standard
Stand scale

Professional
Stand scale

Stand scale Basic

For mobile use

Overall height

Features

▶ High-resolution single-range scale, not approvable, with division of 0.1 g and up
▶ Display at eye level
▶ Weighed goods do not conceal display
▶ Compact unit, portable
▶ Fast and easy single-key operation with extra-large key
▶ Battery mode supports flexible use at different locations
▶ Internal user calibration for location-specific adjustments
▶ Weight units switchable between kg and lb
▶ Functions: Weighing, taring, adding, plus / minus control, hold
▶ Large LC display (no backlighting), character height: 20 mm
▶ Weighing platform: Stainless steel 1.4301,
  Base frame: Powder-coated steel or 1.4301 stainless steel
  (only protection class IP 65), terminal housing: Plastic;
  Stand: Powder-coated steel or 1.4301 stainless steel
▶ Integrated rechargeable battery with plug-in power supply 100 – 240
  V / 50 – 60 Hz, operating time: ca. 50 hours, charging time: 5.5 hours,
  UK power adapter see options
▶ Energy-efficient due to integrated Auto-off function of the rechargeable
  battery with adjustable timer from 1 – 30 minutes or continuous operation

▶ Scale dimensions / scale weight:
  310 x 410 x 570 mm, 7,5 kg
  400 x 435 x 570 mm, 11,5 kg
  520 x 535 x 570 mm, 21,5 kg
  660 x 550 x 570 mm, 41,5 kg
▶ Clearance height: Upper edge of weighing platform to lower edge
  of terminal: 350 – 385 mm, depending on model
▶ Protection class IP 42 or IP 65
▶ Scale leveling up to 10 mm with 4 adjustable feet
▶ Nominal operating temperature: -10°C to 40°C

Options (for protection class IP 42)

▶ RS 232 IT interface installed, Order No.: 2563.21.004
▶ Data cable 3m, Order No.: 2550.03.014
▶ UK power adapter, Order No.: 2557.25.002
▶ US power adapter (on request)

Please find other accessories and IT interface options on page 37.

Optional

Protection class IP 42

Order No.:	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time week
Size 1, not approvable					
9920.01.040	Powder-coated	310 x 275 x 70	**3**	0,1	1
9920.02.040	Powder-coated	310 x 275 x 70	**6**	0,2	1
9920.03.040	Powder-coated	310 x 275 x 70	**15**	0,5	1
9920.04.040	Powder-coated	310 x 275 x 70	**32**	1	1
Size 2, not approvable					
9921.02.040	Powder-coated	400 x 300 x 75	**6**	0,2	1
9921.03.040	Powder-coated	400 x 300 x 75	**15**	0,5	1
9921.04.040	Powder-coated	400 x 300 x 75	**32**	1	1
9921.05.040	Powder-coated	400 x 300 x 75	**60**	2	1
Size 3, not approvable					
9922.04.040	Powder-coated	520 x 400 x 75	**32**	1	1
9922.05.040	Powder-coated	520 x 400 x 75	**60**	2	1
Size 4, not approvable					
9923.05.040	Powder-coated	660 x 550 x 105	**60**	2	1
9923.06.040	Powder-coated	660 x 550 x 105	**150**	5	1

Protection class IP 65

Order No.:	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time week
Size 1, not approvable					
9920.01.140	Powder-coated	310 x 275 x 70	**3**	0,1	1
9920.02.140	Powder-coated	310 x 275 x 70	**6**	0,2	1
9920.03.140	Powder-coated	310 x 275 x 70	**15**	0,5	1
9920.04.140	Powder-coated	310 x 275 x 70	**32**	1	1
9920.11.140	Stainless steel	310 x 275 x 70	**3**	0,1	1
9920.12.140	Stainless steel	310 x 275 x 70	**6**	0,2	1
9920.13.140	Stainless steel	310 x 275 x 70	**15**	0,5	1
9920.14.140	Stainless steel	310 x 275 x 70	**32**	1	1
Size 2, not approvable					
9921.02.140	Powder-coated	400 x 300 x 75	**6**	0,2	1
9921.03.140	Powder-coated	400 x 300 x 75	**15**	0,5	1
9921.04.140	Powder-coated	400 x 300 x 75	**32**	1	1
9921.05.140	Powder-coated	400 x 300 x 75	**60**	2	1
9921.12.140	Stainless steel	400 x 300 x 75	**6**	0,2	1
9921.13.140	Stainless steel	400 x 300 x 75	**15**	0,5	1
9921.14.140	Stainless steel	400 x 300 x 75	**32**	1	1
Size 3, not approvable					
9922.04.140	Powder-coated	520 x 400 x 75	**32**	1	1
9922.05.140	Powder-coated	520 x 400 x 75	**60**	2	1
9922.14.140	Stainless steel	520 x 400 x 100	**32**	1	1
9922.15.140	Stainless steel	520 x 400 x 100	**60**	2	1
Size 4, not approvable					
9923.05.140	Powder-coated	660 x 550 x 105	**60**	2	1
9923.06.140	Powder-coated	660 x 550 x 105	**150**	5	1
9923.15.140	Stainless steel	660 x 550 x 105	**60**	2	1
9923.16.140	Stainless steel	660 x 550 x 105	**150**	5	1

Different models and dimensions available on request.

Stand scale Standard

For demanding goods receiving, production, and shipping applications
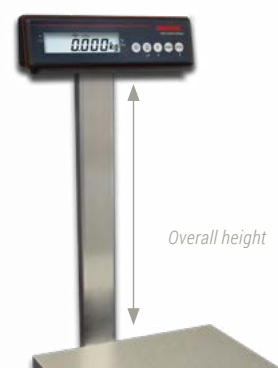
MADE IN GERMANY

Overall height

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
- Flexible control using 5 control keys with customizable shortcut via programmable function key
- Fast data transfer via integrated RS 232 interface and print function
- Connection for large display via optional RS 232 interface, decoupled
- Optionally with control light connection for pass / fail quality control
- Functions: Weighing, taring, count check (checking and counting), plus / minus weighing, adding, checking, counting, neutral measuring, percent weighing, GLP / GMP protocol
- PLU memory
- Includes software for PLU management for item weights and tare (compatible with Windows XP and Vista, see accessories on page 37 for matching data cable)
- Backlit LC display (dimmable), character height: 16 mm
- Realtime clock with date
- Power supply mode: 100 – 240 V / 50 – 60 Hz, UK power adapter see options
- Weighing platform: Stainless steel 1.4301, Base frame: Powder-coated steel or 1.4301 stainless steel, terminal housing: Plastic; Stand: Powder-coated steel or 1.4301 stainless steel
- Scale dimensions / scale weight:
  310 x 410 x 570 mm, 7,5 kg
  400 x 435 x 570 mm, 11,5 kg
  520 x 535 x 570 mm, 21,5 kg
  660 x 550 x 570 mm, 41,5 kg
- Clearance height: Upper edge of weighing platform to lower edge of terminal: 350 – 385 mm, depending on model
- Protection class IP 42
- Scale leveling up to 10 mm with 4 adjustable feet and spirit level (for appr.)
- Nominal operating temperature: -10°C to 40°C
- Recommended minimum reference weight for counting parts: 3 divisions

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
- Ethernet interface installed, Order No.: 2563.45.002
- USB interface installed, incl. 3 m cable, Order No.: 2563.47.004
- Bluetooth™ interface installed, Order No.: 2563.12.001
- Pricing software, Order No.: 2564.50.001
- Alibi software installed, Order No.: 2792.20.002
- Rechargeable battery pack installed for mains-independent operation, operating time: ca. 30 hours (depends on settings), charging time: 5.5 hours, Order No.: 2557.40.001
- Control light, 4 lights, Order No.: 2551.04.001
- Control light, 3 lights, Order No.: 2551.50.002
- UK power adapter, Order No.: 2557.25.002
- US power adapter (on request)

Please find other accessories, IT integration options, and printer solutions on page 37 and in sections 14, 15, 16 and 17.

Optional

Order No.:	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time week
Size 1, approvable					
7930.01.010	Powder-coated	310 x 275 x 70	1,5 | **3**	0,5 | 1	1
7930.02.010	Powder-coated	310 x 275 x 70	3 | **6**	1 | 2	1
7930.02.020	Powder-coated	310 x 275 x 70	1,5 | 3 | **6**	0,5 | 1 | 2	1
7930.03.010	Powder-coated	310 x 275 x 70	6 | **15**	2 | 5	1
7930.03.020	Powder-coated	310 x 275 x 70	3 | 6 | **15**	1 | 2 | 5	1
7930.04.010	Powder-coated	310 x 275 x 70	20 | **35**	5 | 10	1
7930.04.020	Powder-coated	310 x 275 x 70	6 | 15 | **30**	2 | 5 | 10	1
7930.11.010	Stainless steel	310 x 275 x 70	1,5 | **3**	0,5 | 1	1
7930.12.010	Stainless steel	310 x 275 x 70	3 | **6**	1 | 2	1
7930.12.020	Stainless steel	310 x 275 x 70	1,5 | 3 | **6**	0,5 | 1 | 2	1
7930.13.010	Stainless steel	310 x 275 x 70	6 | **15**	2 | 5	1
7930.13.020	Stainless steel	310 x 275 x 70	3 | 6 | **15**	1 | 2 | 5	1
7930.14.010	Stainless steel	310 x 275 x 70	15 | **30**	5 | 10	1
7930.14.020	Stainless steel	310 x 275 x 70	6 | 15 | **30**	2 | 5 | 10	1
Not approvable					
9930.01.040	Powder-coated	310 x 275 x 70	**3**	0,1	1
9930.02.040	Powder-coated	310 x 275 x 70	**6**	0,2	1
9930.03.040	Powder-coated	310 x 275 x 70	**15**	0,5	1
9930.04.040	Powder-coated	310 x 275 x 70	**32**	1	1
Size 2, approvable					
7931.02.010	Powder-coated	400 x 300 x 75	3 | **6**	1 | 2	1
7931.02.020	Powder-coated	400 x 300 x 75	1,5 | 3 | **6**	0,5 | 1 | 2	1
7931.03.010	Powder-coated	400 x 300 x 75	6 | **15**	2 | 5	1
7931.04.010	Powder-coated	400 x 300 x 75	20 | **35**	5 | 10	1
7931.04.020	Powder-coated	400 x 300 x 75	6 | 15 | **30**	2 | 5 | 10	1
7931.05.010	Powder-coated	400 x 300 x 75	30 | **60**	10 | 20	1
7931.12.010	Stainless steel	400 x 300 x 75	3 | **6**	1 | 2	1
7931.12.020	Stainless steel	400 x 300 x 75	1,5 | 3 | **6**	0,5 | 1 | 2	1
7931.13.010	Stainless steel	400 x 300 x 75	6 | **15**	2 | 5	1
7931.14.010	Stainless steel	400 x 300 x 75	15 | **30**	5 | 10	1
7931.14.020	Stainless steel	400 x 300 x 75	6 | 15 | **30**	2 | 5 | 10	1
Not approvable					
9931.02.040	Powder-coated	400 x 300 x 75	**6**	0,2	1
9931.03.040	Powder-coated	400 x 300 x 75	**15**	0,5	1
9931.04.040	Powder-coated	400 x 300 x 75	**32**	1	1
9931.05.040	Powder-coated	400 x 300 x 75	**60**	2	1
Size 3, approvable					
7932.04.010	Powder-coated	520 x 400 x 75	15 | **30**	5 | 10	1
7932.05.010	Powder-coated	520 x 400 x 75	30 | **60**	10 | 20	1
7932.14.010	Stainless steel	520 x 400 x 100	15 | **30**	5 | 10	1
7932.15.010	Stainless steel	520 x 400 x 100	30 | **60**	10 | 20	1
7932.15.020	Stainless steel	520 x 400 x 100	15 | 30 | **60**	5 | 10 | 20	1
Not approvable					
9932.04.040	Powder-coated	520 x 400 x 75	**32**	1	1
9932.05.040	Powder-coated	520 x 400 x 75	**60**	2	1
Size 3, approvable					
7933.05.010	Powder-coated	660 x 550 x 105	30 | **60**	10 | 20	1
7933.05.020	Powder-coated	660 x 550 x 105	15 | 30 | **60**	5 | 10 | 20	1
7933.06.010	Powder-coated	660 x 550 x 105	60 | **150**	20 | 50	1
7933.06.020	Powder-coated	660 x 550 x 105	30 | 60 | **150**	10 | 20 | 50	1
Not approvable					
9933.05.040	Powder-coated	660 x 550 x 105	**60**	2	1
9933.06.040	Powder-coated	660 x 550 x 105	**150**	5	1

Different models and dimensions available on request.

4

Stand scale Professional

For professional use

Overall height
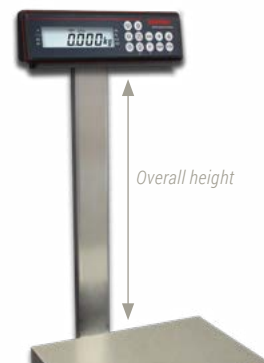
Features

- ▶ 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
- ▶ Terminal with 12-key operator control and customizable shortcut with user-programmable function keys
- ▶ High protection class IP 65 as protection against dust and water spray in rough environments
- ▶ Fast data transfer via integrated RS 232 interface and print function
- ▶ Connection for large display via optional RS 232 interface, decoupled
- ▶ With second scale interface, can be combined with the weighing platforms on page 65 and up
- ▶ Optionally with control light connection for pass / fail quality control
- ▶ Functions: Weighing, taring, plus / minus weighing, adding, checking, recipe weighing, totaling, order picking, counting, count check, neutral measuring, percent weighing, PLU controls, dosing, GLP / GMP protocol
- ▶ PLU memory
- ▶ Includes software for PLU management for unit weights, target values, count check, tare, and recipe values (compatible with Windows XP and Vista, see accessories on page 37 for matching data cable)
- ▶ Backlit LC display (dimmable), character height: 16 mm
- ▶ Realtime clock with date
- ▶ Power supply mode: 100 – 240 V / 50 – 60 Hz, UK power adapter see options
- ▶ Weighing platform: Stainless steel 1.4301, Base frame: Powder-coated steel or 1.4301 stainless steel, terminal housing: Plastic; Stand: Powder-coated steel or 1.4301 stainless steel

- ▶ Scale dimensions / scale weight:
  310 x 410 x 570 mm, 7,5 kg
  400 x 435 x 570 mm, 11,5 kg
  520 x 535 x 570 mm, 21,5 kg
  660 x 550 x 570 mm, 41,5 kg
- ▶ Clearance height: Upper edge of weighing platform to lower edge of terminal: 350 – 385 mm, depending on model
- ▶ Scale leveling up to 10 mm with 4 adjustable feet and spirit level (for appr.)
- ▶ Nominal operating temperature: -10°C to 40°C
- ▶ Recommended minimum reference weight for counting parts: 3 divisions

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
- ▶ Ethernet interface installed, Order No.: 2563.45.002
- ▶ USB interface installed, Order No.: 2563.47.002
- ▶ Bluetooth™ interface installed, Order No.: 2563.12.001
- ▶ Second display installed: Order No.: 2562.70.002
- ▶ Alibi software installed, Order No.: 2792.20.002
- ▶ Rechargeable battery pack installed for mains-independent operation, operating time: ca. 30 hours (depends on settings), charging time: 5.5 hours, Order No.: 2557.40.002
- ▶ Control light, 4 lights, Order No.: 2551.04.001
- ▶ Control light, 3 lights, Order No.: 2551.50.02
- ▶ UK power adapter, Order No.: 2557.25.002
- ▶ US power adapter (on request)

Please find other accessories, IT integration options, and printer solutions on page 37 and in sections 14, 15, 16 and 17.

Optional

Order No.:	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Delivery time week
Size 1, approvable					
7940.01.110	Powder-coated	310 x 275 x 70	1,5 | **3**	0,5 | 1	1
7940.02.110	Powder-coated	310 x 275 x 70	3 | **6**	1 | 2	1
7940.02.120	Powder-coated	310 x 275 x 70	1,5 | 3 | **6**	0,5 | 1 | 2	1
7940.03.110	Powder-coated	310 x 275 x 70	6 | **15**	2 | 5	1
7940.03.120	Powder-coated	310 x 275 x 70	3 | 6 | **15**	1 | 2 | 5	1
7940.04.110	Powder-coated	310 x 275 x 70	20 | **35**	5 | 10	1
7940.04.120	Powder-coated	310 x 275 x 70	6 | 15 | **30**	2 | 5 | 10	1
7940.11.110	Stainless steel	310 x 275 x 70	1,5 | **3**	0,5 | 1	1
7940.12.110	Stainless steel	310 x 275 x 70	3 | **6**	1 | 2	1
7940.12.120	Stainless steel	310 x 275 x 70	1,5 | 3 | **6**	0,5 | 1 | 2	1
7940.13.110	Stainless steel	310 x 275 x 70	6 | **15**	2 | 5	1
7940.13.120	Stainless steel	310 x 275 x 70	3 | 6 | **15**	1 | 2 | 5	1
7940.14.110	Stainless steel	310 x 275 x 70	15 | **30**	5 | 10	1
7940.14.120	Stainless steel	310 x 275 x 70	6 | 15 | **30**	2 | 5 | 10	1
Not approvable					
9940.01.140	Powder-coated	310 x 275 x 70	**3**	0,1	1
9940.02.140	Powder-coated	310 x 275 x 70	**6**	0,2	1
9940.03.140	Powder-coated	310 x 275 x 70	**15**	0,5	1
9940.04.140	Powder-coated	310 x 275 x 70	**32**	1	1
Size 2, approvable					
7941.02.110	Powder-coated	400 x 300 x 75	3 | **6**	1 | 2	1
7941.02.120	Powder-coated	400 x 300 x 75	1,5 | 3 | **6**	0,5 | 1 | 2	1
7941.03.110	Powder-coated	400 x 300 x 75	6 | **15**	2 | 5	1
7941.04.110	Powder-coated	400 x 300 x 75	20 | **35**	5 | 10	1
7941.04.120	Powder-coated	400 x 300 x 75	6 | 15 | **30**	2 | 5 | 10	1
7941.05.110	Powder-coated	400 x 300 x 75	30 | **60**	10 | 20	1
7941.12.110	Stainless steel	400 x 300 x 75	3 | **6**	1 | 2	1
7941.12.120	Stainless steel	400 x 300 x 75	1,5 | 3 | **6**	0,5 | 1 | 2	1
7941.13.110	Stainless steel	400 x 300 x 75	6 | **15**	2 | 5	1
7941.14.110	Stainless steel	400 x 300 x 75	15 | **30**	5 | 10	1
7941.14.120	Stainless steel	400 x 300 x 75	6 | 15 | **30**	2 | 5 | 10	1
Not approvable					
9941.02.140	Powder-coated	400 x 300 x 75	**6**	0,2	1
9941.03.140	Powder-coated	400 x 300 x 75	**15**	0,5	1
9941.04.140	Powder-coated	400 x 300 x 75	**32**	1	1
9941.05.140	Powder-coated	400 x 300 x 75	**60**	2	1
Size 3, approvable					
7942.04.110	Powder-coated	520 x 400 x 75	15 | **30**	5 | 10	1
7942.05.110	Powder-coated	520 x 400 x 75	30 | **60**	10 | 20	1
7942.14.110	Stainless steel	520 x 400 x 100	15 | **30**	5 | 10	1
7942.15.110	Stainless steel	520 x 400 x 100	30 | **60**	10 | 20	1
7942.15.120	Stainless steel	520 x 400 x 100	15 | 30 | **60**	5 | 10 | 20	1
Not approvable					
9942.04.140	Powder-coated	520 x 400 x 75	**32**	1	1
9942.05.140	Powder-coated	520 x 400 x 75	**60**	2	1
Size 4, approvable					
7943.05.110	Powder-coated	660 x 550 x 105	30 | **60**	10 | 20	1
7943.05.120	Powder-coated	660 x 550 x 105	15 | 30 | **60**	5 | 10 | 20	1
7943.06.110	Powder-coated	660 x 550 x 105	60 | **150**	20 | 50	1
7943.06.120	Powder-coated	660 x 550 x 105	30 | 60 | **150**	10 | 20 | 50	1
7943.15.110	Stainless steel	660 x 550 x 105	30 | **60**	10 | 20	1
7943.15.120	Stainless steel	660 x 550 x 105	15 | 30 | **60**	5 | 10 | 20	1
7943.16.110	Stainless steel	660 x 550 x 105	60 | **150**	20 | 50	1
7943.16.120	Stainless steel	660 x 550 x 105	30 | 60 | **150**	10 | 20 | 50	1
Not approvable					
9943.05.140	Powder-coated	660 x 550 x 105	**60**	2	1
9943.06.140	Powder-coated	660 x 550 x 105	**150**	5	1
9943.15.140	Stainless steel	660 x 550 x 105	**60**	2	1
9943.16.140	Stainless steel	660 x 550 x 105	**150**	5	1

Different models and dimensions available on request.

kg counting

lb

inventory scale
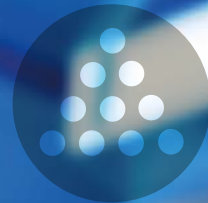
energy-efficient

reference scale precise

high-resolution

versatile

quantity scale

mobile

weight optimization

5. 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

9140, 9141, 9142
Counting compact scales Professional

9540, 9541, 9542
Counting bench scales Professional

5800
Counting scale system

5803
Counting scale system
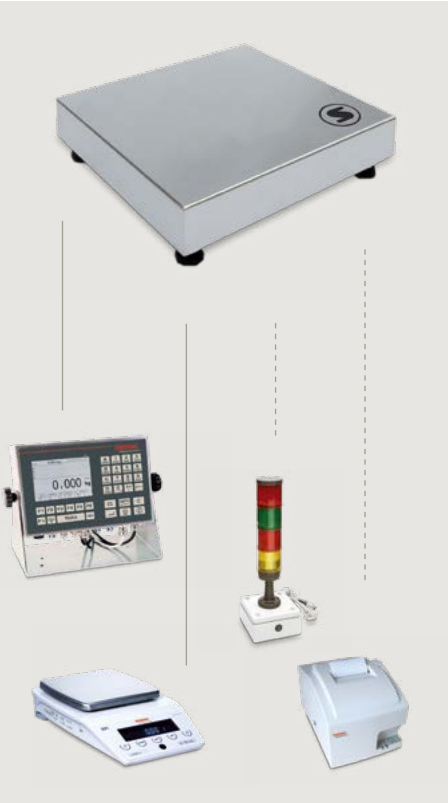
SC
Counting and control scale
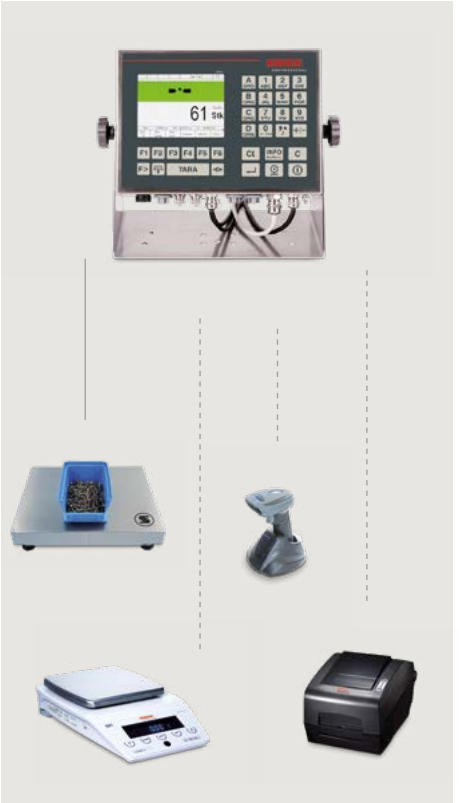
Counting scale 9221

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
▶ Includes software for PLU management (compatible with Windows XP and Vista)

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

Counting compact scales Professional 9140, 9141, 9142

Versatile, mobile, and precise

MADE IN GERMANY

Features

▶ High-resolution single-range scale, not approvable

▶ Terminal with 12-key operator control and customizable shortcut with user-programmable function keys

▶ High protection class IP 65 as protection against dust and water spray in rough environments

▶ Fast data transfer via integrated RS 232 interface and print function

▶ Optionally with control light connection for pass / fail quality control

▶ Functions: Weighing, taring, counting, plus / minus weighing, count check / count totaling, reference weight optimization See page 14 for other functions corresponding to compact scale Professional

▶ PLU memory

▶ 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 results in a more accurate quantity count by having the scale terminal verify whether the total weight of the reference parts is lower than the minimum reference weight

▶ With second scale interface for easy implementation of counting scale systems. Can be combined with the weighing platforms on page 60 and up

▶ Includes software for PLU management for unit weights, target values, count check, tare, and recipe values (compatible with Windows XP and Vista, see accessories on page 19 for matching data cable)

▶ Backlit LC display (dimmable), character height: 16 mm

▶ Realtime clock with date

▶ Power supply mode: 100 – 240 V / 50 – 60 Hz, UK power adapter see options

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

▶ Scale dimensions / scale weight:
310 x 355 x 70 mm, 6 kg
400 x 380 x 75 mm, 10 kg
520 x 480 x 75 mm, 20 kg

▶ Scale leveling up to 10 mm with 4 adjustable feet

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

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

▶ Ethernet interface installed, Order No.: 2563.45.002

▶ USB interface installed, Order No.: 2563.47.002

▶ Bluetooth™ interface installed, Order No.: 2563.12.001

▶ Alibi software installed, Order No.: 2792.20.002

▶ Rechargeable battery pack installed for mains-independent operation, operating time: ca. 30 hours (depends on settings), charging time: 5.5 hours, Order No.: 2557.40.002

▶ Control light, 4 lights, Order No.: 2551.04.001

▶ Control light, 3 lights, Order No.: 2551.50.002

▶ UK power adapter, Order No.: 2557.25.002

▶ US power adapter (on request)

Other features and additional options, see compact scales Professional on page 14

Order No.:	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Suitable for counting parts from g	Delivery time week
9140.01.140	Powder-coated	310 x 275 x 70	**3**	0,1	0,3	1
9140.02.140	Powder-coated	310 x 275 x 70	**6**	0,2	0,6	1
9140.03.140	Powder-coated	310 x 275 x 70	**15**	0,5	1,5	1
9140.04.140	Powder-coated	310 x 275 x 70	**32**	1	3	1
9141.02.140	Powder-coated	400 x 300 x 75	**6**	0,2	0,6	1
9141.03.140	Powder-coated	400 x 300 x 75	**15**	0,5	1,5	1
9141.04.140	Powder-coated	400 x 300 x 75	**32**	1	3	1
9141.05.140	Powder-coated	400 x 300 x 75	**60**	2	6	1
9142.04.140	Powder-coated	520 x 400 x 75	**32**	1	3	1
9142.05.140	Powder-coated	520 x 400 x 75	**60**	2	6	1

Different models and dimensions available on request.

CE | IP 65 | Stainless steel | RS232 | TQM | PSU | RS232 | USB | industrial ETHER NET | Recha. Batt. | TM Bluetooth

Optional

Counting bench scales Professional 9540, 9541, 9542

With separate terminal

MADE IN
GERMANY

Features

▶ Bench scale with separate display and 2.5 m cable, includes wall bracket
▶ High-resolution single-range scale, not approvable
▶ Terminal with 12-key operator control and customizable shortcut with user-programmable function keys
▶ High protection class IP 65 as protection against dust and water spray in rough environments
▶ Fast data transfer via integrated RS 232 interface and print function
▶ Optionally with control light connection for pass / fail quality control
▶ Functions: Weighing, taring, counting, plus / minus weighing, count check / count totaling, reference weight optimization. See page 14 for other functions corresponding to compact scale Professional
▶ PLU memory
▶ 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 results in a more accurate quantity count by having the scale terminal verify whether the total weight of the reference parts is lower than the minimum reference weight
▶ With second scale interface for easy implementation of counting scale systems. Can be combined with weighing platforms on page 60 and up
▶ Includes software for PLU management for unit weights, target values, count check, tare, and recipe values (compatible with Windows XP and Vista, see accessories on page 37 for matching data cable)
▶ Backlit LC display (dimmable), character height: 16 mm
▶ Realtime clock with date
▶ Power supply mode: 100 – 240 V / 50 – 60 Hz, UK power adapter see options

▶ Weighing platform: Stainless steel 1.4301
  Base frame: powder coated steel,
  terminal housing: Plastic
▶ Scale dimensions / scale weight:
  310 x 355 x 70 mm, 6 kg
  400 x 380 x 75 mm, 10 kg
  520 x 480 x 75 mm, 20 kg
▶ Scale leveling up to 10 mm with 4 adjustable feet
▶ Nominal operating temperature: -10°C to 40°C

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
▶ Ethernet interface installed, Order No.: 2563.45.002
▶ USB interface installed, Order No.: 2563.47.002
▶ Bluetooth™ interface installed, Order No.: 2563.12.001
▶ Alibi software installed, Order No.: 2792.20.002
▶ Rechargeable battery pack installed for mains-independent operation, operating time: ca. 30 hours (depends on settings), charging time: 5.5 hours, Order No.: 2557.40.002
▶ Control light, 4 lights, Order No.: 2551.04.001
▶ Control light, 3 lights, Order No.: 2551.50.002
▶ UK power adapter, Order No.: 2557.25.002
▶ US power adapter (on request)

Other features and additional options, see compact scales Professional on page 14

Order No.:	Configuration Base frame	Platform size mm	Maximum load kg	Division g	Suitable for counting parts from g	Delivery time week
9540.01.140	Powder-coated	310 x 275 x 70	**3**	0,1	0,3	1
9540.02.140	Powder-coated	310 x 275 x 70	**6**	0,2	0,6	1
9540.03.140	Powder-coated	310 x 275 x 70	**15**	0,5	1,5	1
9540.04.140	Powder-coated	310 x 275 x 70	**32**	1	3	1
9541.02.140	Powder-coated	400 x 300 x 75	**6**	0,2	0,6	1
9541.03.140	Powder-coated	400 x 300 x 75	**15**	0,5	1,5	1
9541.04.140	Powder-coated	400 x 300 x 75	**32**	1	3	1
9541.05.140	Powder-coated	400 x 300 x 75	**60**	2	6	1
9542.04.140	Powder-coated	520 x 400 x 75	**32**	1	3	1
9542.05.140	Powder-coated	520 x 400 x 75	**60**	2	6	1

Different models and dimensions available on request.

CE | IP 65 | Stainless steel | RS232 | ⋮ | S TQM | PSU | RS232 | USB | industrial ETHERNET | Recha. Batt. | TM Bluetooth

Optional

Counting scale system 5800

Consists of quantity scale with reference scale

PLU software

Printer optional

Control light optional

Features

Quantity scale

▶ High-resolution single-range scale, not approvable

▶ Terminal with 12-key operator control and customizable shortcut with user-programmable function key

▶ High protection class IP 65 as protection against dust and water spray in rough environments

▶ Weighing platform with a strain-gauge load cell made from aluminum

▶ Mechanical overload safety to protect the load cell

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

▶ Platform size: 400 x 300 mm

▶ Scale leveling up to 10 mm with 4 adjustable feet

▶ Functions: Weighing, taring, counting, plus / minus weighing, count check / count totaling, reference weight optimization. See page 14 for other functions corresponding to compact scale Professional

▶ See page 55 for all other functions corresponding to compact scale Professional

▶ 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 results in a more accurate quantity count by having the scale terminal verify whether the total weight of the reference parts is lower than the minimum reference weight

▶ Supplied scope includes PLU software for 100 article memory, for unit weights, target values, count check, tare, and recipe values (compatible with Windows XP and Vista, required data cable, Order No. 2550.03.002

Reference scale 2889

▶ Design with a strain-gauge load cell made from aluminum

▶ Protection class IP 65

▶ Mechanical overload safety to protect the load cell

▶ Platform made from 1.4301 stainless steel

▶ Base frame made from aluminum

▶ Height-adjustable feet

▶ Dimensions: 160 x 160 x 80 mm

▶ Measurement cable length: 3 m

Options

See accessories for compact scales on page 19 for additional options, such as control light, printer, and data cable

Order No.:	Configuration	Maximum load	Division	For counting parts from	Delivery time
		kg	g	g	week
5800.01.001	Compact scale Professional with reference scale 2889	**32** 0,6 | **1,5**	1 0,2 | 0,5	3 0,6	1
5800.02.001	Compact scale Professional with reference scale 2889	**60** 0,6 | **1,5**	2 0,2 | 0,5	6 0,6	1

Different models and dimensions available on request.

Counting scale system 5803

For professional counting applications

Scanner optional

Printer optional

Control light optional

PLU software optional
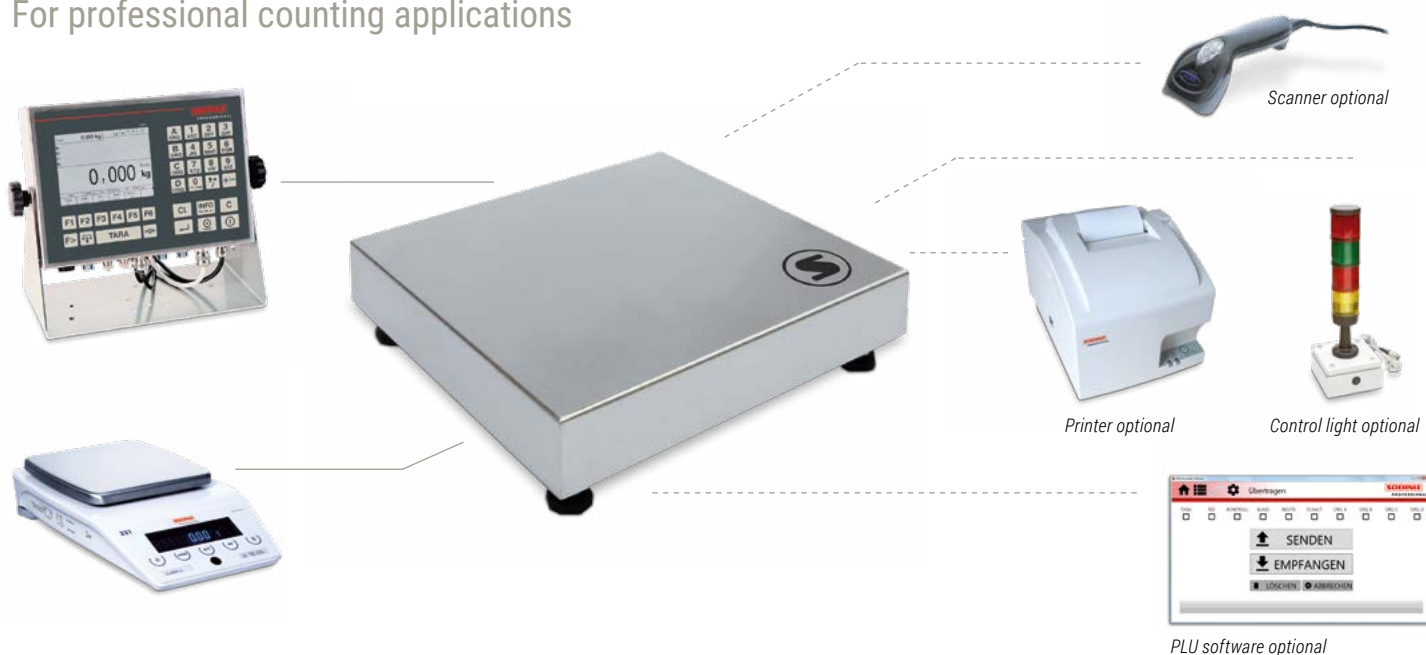
Features
Terminal 3035

▶ Protection class IP 67
▶ Backlit LC display, incl. wall/bench bracket 2503.30.002
▶ 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 2792.40.002
▶ 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 results in a more accurate quantity count by having the scale terminal verify whether the total weight of the reference parts is lower than the 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
▶ Weighing platform made from 1.4301 stainless steel; removable for easy cleaning
▶ Strain-gauge load cell made from aluminum alloy
▶ Protection class IP 65
▶ Mechanical overload safety to protect the load cell
▶ Measurement cable length: 2 m
▶ Dimensions: 520 x 400 x 75 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 107-109 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 2892.05.040	60,000	2	6	1
	Reference scale 2873.50.001	6,200	0,1	0,3	

Different models and dimensions available on request.

Counting and control scale **SC**

High-resolution for high accuracy requirements

Precision scale optional

Printer optional

Portable wireless scanner optional

Soehnle Professional Count and Control

Features

Weighing platform

▶ Very high resolution up to 75.000 d

▶ Fast and stable scale standstill even in unstable environments

▶ Newly developed filter type in the terminal software

▶ Modified weighing platform

▶ Specally calibrated load cells

▶ High accuracy and reproducibility

▶ For accurate counting, we recommend three divisions as the minimum reference weight

▶ Powder-coated steel design in extra low-profile modular construction

▶ Weighing platform made from 1.4301 stainless steel; removable for easy cleaning

▶ Strain-gauge load cell made from aluminum alloy

▶ Protection class IP 65

▶ Mechanical overload safety to protect the load cell

▶ Measurement cable length: 2 m

▶ Scale leveling up to 10 mm with 4 adjustable feet

▶ Operating temperature: -10 °C to + 40 °C

Terminal 3035

▶ Protection class IP 67

▶ Backlit LC display

▶ Incl. wall/bench bracket 2503.30.002

▶ Functions: Weighing , taring, counting, count check / count totaling, totaling / order picking, checking, and more

▶ 4 organization data memories, e.g. for article number, customer number, or order number

▶ Data backup function for fail-safe storage of data and functions via the integrated SD memory card

▶ Database with 999 article memory locations for article number, article description, reference weight, nominal piece count, nominal value 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

Options

▶ Stand version

▶ Precision scales 2873 as additional reference scale

▶ Optional handheld scanner or wireless scanner

▶ Printer (optionally as strip or label printer)

▶ PC application software 2564.12.002

▶ 2nd measuring point for filter type 3, 2554.10.004/2554.10.002, see p. 108

▶ Adjustment and calibration in the Soehnle Industrial Solutions DAkkS-laboratary

See accessories for terminal 3035 on pages 107-109 for additional options

Order No.:	Platform size	Maximum load	Division	Reproducibility	Linearity +/-	Delivery time
	mm	kg	g	g	g	week
5810.00.001	310 x 275 x 70	**7,5**	0,1	0,2	0,2	2−3
5810.00.002	310 x 275 x 70	**15**	0,2	0,4	0,4	2−3
5811.00.001	400 x 300 x 75	**15**	0,2	0,4	0,4	2−3
5811.00.002	400 x 300 x 75	**35**	0,5	1,0	1,0	2−3
5812.00.001	520 x 400 x 75	**35**	0,5	1,0	1,0	2−3
5812.00.002	520 x 400 x 75	**60**	1,0	2,0	2,0	2−3
5812.00.003	520 x 400 x 75	**150**	2,0	4,0	4,0	2−3
5813.00.001	660 x 550 x 130	**150**	2,0	4,0	4,0	2−3
5813.00.002	660 x 550 x 130	**300**	5,0	10,0	10,0	2−3

6. Packing table solutions

The integrated solution for your shipping workstation

easy installation

lb

order picking

overload safety

made in Germany

approvable

kg

interfaces

Ergonomic operations

packages

interfaces

Weighing system for packing tables

For error-free order picking

Example illustration. Table is not included in supplied scope.

Integrated scale

Raising and lowering mechanism

6

Features

▶ Easy order picking with weight check
▶ For installing or retrofitting into existing packing tables (supplied scope does not include packing table)
▶ Various platform sizes and weighing ranges available
▶ Can be combined with terminals 3010 and 3035 (incl. RS 232 interface)
▶ Scale is integrated into the packing table – no separate table needed
▶ Weighing mechanism is protected by lowering the scale below the bench surface (no ingress of foreign particles)
▶ Heavy physical exertion (lifting) is avoided
▶ Ergonomic operations due to low profile of scale
▶ Easy installation
▶ Approvable, class III

▶ Weighing platform made from 1.4301 stainless steel
▶ Integrated mechanical overload safety
▶ Minimum requirements for the table top: opening for scale, see table, minimum thickness: 19 mm, minimum load capacity: 80 kg
▶ Assembly instructions and template included in supplied scope
▶ Incl. wall bracket / stand bracket

Options

▶ See terminals 3010 and 3035 on pages 107 – 109 for printer interface, barcode scanner, control light, and other accessories

Order No.:	Configuration	Platform size mm	Maximum load kg	Division g	Opening mm	Delivery time week
Approvable						
7390.53.010	With 3010.01.001	332 x 297	6 | **15**	2 | 5	315 x 279	2–3
7390.54.010	With 3010.01.001	332 x 297	20 | **35**	5 | 10	315 x 279	2–3
7392.54.010	With 3010.01.001	548 x 428	15 | **30**	5 | 10	531 x 410	2–3
7392.55.010	With 3010.01.001	548 x 428	30 | **60**	10 | 20	531 x 410	2–3
7393.55.010	With 3010.01.001	688 x 578	30 | **60**	10 | 20	671 x 560	2–3
7370.53.010	With 3035.01.001	332 x 297	6 | **15**	2 | 5	315 x 279	2–3
7370.54.010	With 3035.01.001	332 x 297	20 | **35**	5 | 10	315 x 279	2–3
7372.54.010	With 3035.01.001	548 x 428	15 | **30**	5 | 10	531 x 410	2–3
7372.55.010	With 3035.01.001	548 x 428	30 | **60**	10 | 20	531 x 410	2–3
7373.55.010	With 3035.01.001	688 x 578	30 | **60**	10 | 20	671 x 560	2–3

Configuration with USB interface available on request

matching
terminals
combining
made in Germany
kg
lb
Accessories

weighing platforms

What does your weighing task look like?

Combine to meet your specific needs

Step 1

Weighing platforms
Our product line of weighing platforms gives you a choice of material for the load attachment, the platform size, the weighing ranges, and divisions you need for your application.
(details are shown in the following pages)

Step 2

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

Step 3

Terminals
Depending on the required functional scope and deployment location, configure your scale with one of our terminals from the terminal product lines in plastic or stainless steel.

Note the respective interface options and accessories to ideally integrate your weighing technology into the specific process.

Your highly customized scale: Configure your scales to your specific needs!
Do not hesitate to call us directly if you need customized dimensions, weighing ranges, and divisions to implement your weighing system.
Soehnle Industrial Solutions: +49 7191 / 34 53 - 220. We look forward to your call.

IP 65

made in Germany

IP 68/69 K
stainless steel
stainless

strain-gauge load cell

stainless steel load cell

versatile uses

approvable   multi-range

KG

7. Weighing platforms

Matching for your application

Standard
Weighing platforms

- ▶ Powder-coated steel design in extra low-profile modular construction
- ▶ Weighing platform made from 1.4301 stainless steel
- ▶ Dust and water spray protection for easy cleaning and hygiene
- ▶ Strain-gauge load cell made from aluminum alloy, 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

Configurations for standard and stainless steel

- ▶ Three-range scales (3 x 3,000 e) – approvable, accuracy class III
- ▶ Two-range scales (2 x 3,000 e) – approvable, accuracy class III
- ▶ Single-range scales (1 x 30,000 d) – high-resolution, not approvable

Stainless steel
Weighing platforms

- ▶ Rugged stainless steel design in extra low-profile modular construction
- ▶ Weighing platform made from 1.4301 stainless steel
- ▶ Outstanding 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 reference scale

Features
- ▶ Design with a strain-gauge load cell made from aluminum
- ▶ Protection class IP 65
- ▶ Mechanical overload safety to protect the load cell
- ▶ Platform made from 1.4301 stainless steel
- ▶ Base frame made from aluminum
- ▶ Height-adjustable feet and spirit level
- ▶ Measurement 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	Delivery time week
Approvable				
2889.20.010	160 x 160 x 80	0,6 | **1,5**	0,2 | 0,5	1

Configuration for ATEX zone 2 / 22 available on request

Weighing platforms Standard

For universal use

Features

▸ Approvable two or three-range scale (accuracy class III) and high-resolution single-range scale, not approvable
▸ Can be combined with all Soehnle Professional terminals and A/D converters (page 111)
▸ Powder-coated steel design in extra low-profile modular construction
▸ Weighing platform made from 1.4301 stainless steel; removable for easy cleaning
▸ Strain-gauge load cell made from aluminum alloy, triple-range scale: Load cell made from stainless steel
▸ Protection class IP 65 or IP 68/69 K (suited for high-pressure cleaning)
▸ Mechanical overload safety to protect the load cell
▸ Measurement cable length: 2.5 m
▸ Platform sizes: From 310 x 275 mm to 800 x 600 mm
▸ Scale leveling up to 10 mm with 4 adjustable feet and spirit level
▸ Nominal operating temperature: -10 °C to +40 °C

Options

▸ Bench stand for 2890-93 (approx. height: 500 mm) powder-coated, (needs to be ordered together with the weighing platform), Order No.: 2504.09.001
▸ Extension cable 10 m, Order No.: 2602.01.018
▸ Stainless steel base frame for 2894, dimensions: 800 x 600 x 700 mm, Order No.: 2502.02.007
▸ Bracket for base frame for 2894, Order No.: 2502.02.008
▸ Mobile base frame, stainless steel, for 2892, Order No.: 2502.02.001
▸ Mobile base frame, stainless steel, for 2893, Order No.: 2502.02.010
▸ Bracket for mobile base frame, Order No.: 2502.02.002
▸ ATEX zone 2/22 configuration see table on page 67
▸ See accessories on page 77 for roller tables

Weighing platforms 2893 and 2894

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						
2890.01.010	310 x 275 x 70	65	1,5 | **3**	0,5 | 1	.002*	1
2890.02.010	310 x 275 x 70	65	3 | **6**	1 | 2	.002*	1
2890.02.020	310 x 275 x 70	68 | 69 K	1,5 | 3 | **6**	0,5 | 1 | 2	.001*	1
2890.03.010	310 x 275 x 70	65	6 | **15**	2 | 5	.001*	1
2890.03.020	310 x 275 x 70	68 | 69 K	3 | 6 | **15**	1 | 2 | 5	.001*	1
2890.04.010	310 x 275 x 70	65	20 | **35**	5 | 10	.001*	1
2890.04.020	310 x 275 x 70	68 | 69 K	6 | 15 | **30**	2 | 5 | 10	.001*	1
Not approvable						
2890.01.040	310 x 275 x 70	65	**3**	0,1	.013*	1
2890.02.040	310 x 275 x 70	65	**6**	0,2	.014*	1
2890.03.040	310 x 275 x 70	65	**15**	0,5	.001*	1
2890.04.040	310 x 275 x 70	65	**32**	1	.001*	1
Size 2, approvable						
2891.02.010	400 x 300 x 75	65	3 | **6**	1 | 2	.002*	1
2891.02.020	400 x 300 x 75	68 | 69 K	1,5 | 3 | **6**	0,5 | 1 | 2	.001*	1
2891.03.010	400 x 300 x 75	65	6 | **15**	2 | 5	.001*	1
2891.04.010	400 x 300 x 75	65	20 | **35**	5 | 10	.001*	1
2891.04.020	400 x 300 x 75	68 | 69 K	6 | 15 | **30**	2 | 5 | 10	.001*	1
2891.05.010	400 x 300 x 75	65	30 | **60**	10 | 20	.001*	1
Not approvable						
2891.02.040	400 x 300 x 75	65	**6**	0,2	.014*	1
2891.03.040	400 x 300 x 75	65	**15**	0,5	.001*	1
2891.04.040	400 x 300 x 75	65	**32**	1	.001*	1
2891.05.040	400 x 300 x 75	65	**60**	2	.001*	1
Size 3, approvable						
2892.04.010	520 x 400 x 75	65	15 | **30**	5 | 10	.002*	1
2892.05.010	520 x 400 x 75	65	30 | **60**	10 | 20	.002*	1
2892.06.010	520 x 400 x 75	65	60 | **150**	20 | 50	.002*	1
Not approvable						
2892.04.040	520 x 400 x 75	65	**32**	1	.002*	1
2892.05.040	520 x 400 x 75	65	**60**	2	.002*	1
2892.06.040	520 x 400 x 75	65	**150**	5	.002*	1
Size 4, approvable						
2893.05.010	660 x 550 x 105	65	30 | **60**	10 | 20	.002*	1
2893.05.020	660 x 550 x 105	68 | 69 K	15 | 30 | **60**	5 | 10 | 20	.001*	1
2893.06.010	660 x 550 x 105	65	60 | **150**	20 | 50	.002*	1
2893.06.020	660 x 550 x 105	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						
2893.05.040	660 x 550 x 105	65	**60**	2	.002*	1
2893.06.040	660 x 550 x 105	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

ATEX zone 2/22 configuration available: 2540.01.001, 2540.01.002, 2540.01.013, 2540.01.014
Different models and dimensions available on request.

7

Weighing platforms stainless steel

For use in food-processing and wet applications

Weighing platforms 2893 and 2894

Features

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

▸ Can be combined with all Soehnle Professional terminals and A/D converters (page 111)

▸ The stainless steel weighing platforms are extremely rugged and provide outstanding protection against moisture and corrosion for extreme applications

▸ The simple cleaning of the scale meets elevated hygiene and food-processing standards

▸ Stainless steel design in extra low-profile modular construction

▸ Weighing platform made from 1.4301 stainless steel; removable for easy cleaning

▸ Protection class IP 68/69 K (suited for high-pressure cleaning)

▸ Load cell made from stainless steel

▸ Mechanical overload safety to protect the load cell

▸ Measurement cable length: 2.5 m

▸ Platform sizes: From 310 x 275 mm to 800 x 600 mm

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

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

Options

▸ Bench stand for 2890-93 (approx. height: 500 mm) made from stainless steel, (needs to be ordered together with the weighing platform), Order No.: 2504.08.001

▸ Bench stand for 2890-93 (approx. height: 800 mm) made from stainless steel, (needs to be ordered together with the weighing platform), Order No.: 2504.08.004

▸ Extension cable 10 m (protection class IP 65) Order No.: 2602.01.018

▸ Stainless steel base frame 2894, dimensions: 800 x 600 x 700 mm, Order No.: 2502.02.007

▸ Bracket for base frame for 2894, Order No.: 2502.02.008

▸ Mobile base frame, stainless steel, for 2892, Order No.: 2502.02.001

▸ Mobile base frame, stainless steel, for 2893, Order No.: 2502.02.010

▸ Bracket for mobile base frame, Order No.: 2502.02.002

▸ ATEX zone 2/22 configuration see table on page 69

▸ See accessories on page 77 for roller tables

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						
2890.11.010	310 x 275 x 70	68 | 69 K	1,5 | **3**	0,5 | 1	.001*	1
2890.12.010	310 x 275 x 70	68 | 69 K	3 | **6**	1 | 2	.001*	1
2890.12.020	310 x 275 x 70	68 | 69 K	1,5 | 3 | **6**	0,5 | 1 | 2	.001*	1
2890.13.010	310 x 275 x 70	68 | 69 K	6 | **15**	2 | 5	.001*	1
2890.13.020	310 x 275 x 70	68 | 69 K	3 | 6 | **15**	1 | 2 | 5	.001*	1
2890.14.010	310 x 275 x 70	68 | 69 K	15 | **30**	5 | 10	.001*	1
2890.14.020	310 x 275 x 70	68 | 69 K	6 | 15 | **30**	2 | 5 | 10	.001*	1
Not approvable						
2890.11.040	310 x 275 x 70	68 | 69 K	**3**	0,1	.001*	1
2890.12.040	310 x 275 x 70	68 | 69 K	**6**	0,2	.001*	1
2890.13.040	310 x 275 x 70	68 | 69 K	**15**	0,5	.001*	1
2890.14.040	310 x 275 x 70	68 | 69 K	**32**	1	.001*	1
Size 2, approvable						
2891.12.010	400 x 300 x 75	68 | 69 K	3 | **6**	1 | 2	.001*	1
2891.12.020	400 x 300 x 75	68 | 69 K	1,5 | 3 | **6**	0,5 | 1 | 2	.001*	1
2891.13.010	400 x 300 x 75	68 | 69 K	6 | **15**	2 | 5	.001*	1
2891.14.010	400 x 300 x 75	68 | 69 K	15 | **30**	5 | 10	.001*	1
2891.14.020	400 x 300 x 75	68 | 69 K	6 | 15 | **30**	2 | 5 | 10	.001*	1
Not approvable						
2891.12.040	400 x 300 x 75	68 | 69 K	**6**	0,2	.001*	1
2891.13.040	400 x 300 x 75	68 | 69 K	**15**	0,5	.001*	1
2891.14.040	400 x 300 x 75	68 | 69 K	**32**	1	.001*	1
Size 3, approvable						
2892.14.010	520 x 400 x 100	68 | 69 K	15 | **30**	5 | 10	.001*	1
2892.15.010	520 x 400 x 100	68 | 69 K	30 | **60**	10 | 20	.001*	1
2892.15.020	520 x 400 x 100	68 | 69 K	15 | 30 | **60**	5 | 10 | 20	.001*	1
2892.16.010	520 x 400 x 100	68 | 69 K	60 | **150**	20 | 50	.001*	1
2892.16.020	520 x 400 x 100	68 | 69 K	30 | 60 | **150**	10 | 20 | 50	.001*	1
Not approvable						
2892.14.040	520 x 400 x 100	68 | 69 K	**32**	1	.001*	1
2892.15.040	520 x 400 x 100	68 | 69 K	**60**	2	.001*	1
2892.16.040	520 x 400 x 100	68 | 69 K	**150**	5	.001*	1
Size 4, approvable						
2893.15.010	660 x 550 x 105	68 | 69 K	30 | **60**	10 | 20	.001*	1
2893.15.020	660 x 550 x 105	68 | 69 K	15 | 30 | **60**	5 | 10 | 20	.001*	1
2893.16.010	660 x 550 x 105	68 | 69 K	60 | **150**	20 | 50	.001*	1
2893.16.020	660 x 550 x 105	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						
2893.15.040	660 x 550 x 105	68 | 69 K	**60**	2	.001*	1
2893.16.040	660 x 550 x 105	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 configuration available: 2540.01.001, 2540.01.002
Other configurations and dimensions available on request.
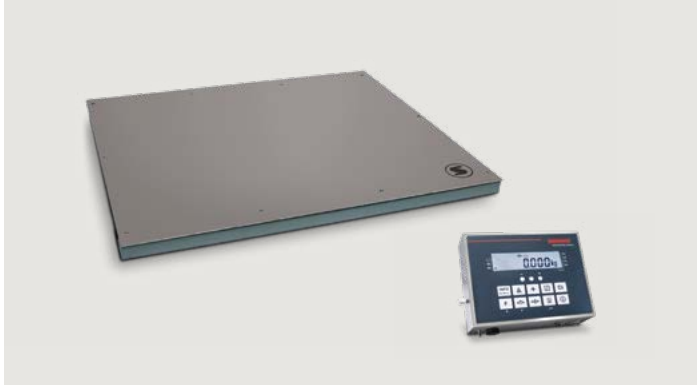
8. Floor scales

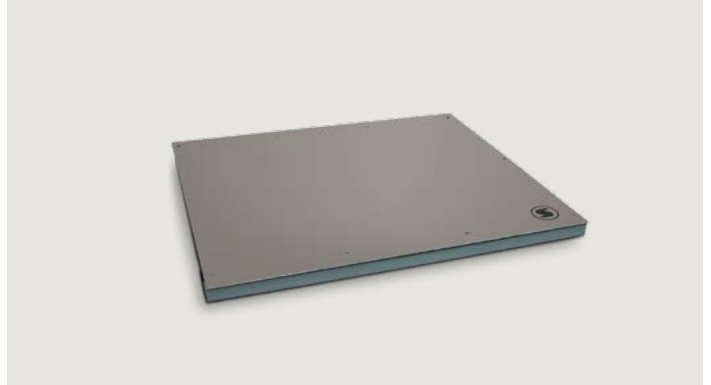Freestanding or ground level installation

7766, 2823, painted
Floor scale

2816, painted
Weighing platform

2817, stainless steel
Weighing platform

2818, stainless steel
Weighing platform

7708, 7808
Multi-functional scale

Information regarding the control load
Control load 2

▶ Oversized load consisting of three partial loads of equal size
  is positioned by hoist, crane, etc.
▶ Lowering speed not to exceed 2m/h
▶ Control load 2 includes control load 1

Control load 3:

▶ Load is positioned in a rolling manner (e.g. by forklift or vehicle)
▶ Traveling speed not to exceed 10 km/h
▶ The load consists of 2 partial loads calculated based on the load
  capacity (Lim)

Floor scale 7766, 2823

painted, approvable

Features

Weighing platform 2823

- ▶ Approvable, class III
- ▶ Weighing platform made from painted steel, RAL 7001
- ▶ Screw-mounted plate
- ▶ Load cell made from nickel-plated steel, protection class IP 67
- ▶ Load acceptance iaw. DIN 8119-4, control load 2
- ▶ 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

Base terminal 3010

- ▶ Stainless steel terminal, protection class IP 67
- ▶ Functions: Weighing and taring, counting, totalising, batching, withdrawal weighing, switching point programming, checking, count checking, dosing
- ▶ Easy 10-key operation
- ▶ 1 measuring point as standard
- ▶ Includes table / wall / stand bracket (swivelling)

Order No.:	Configuration	Platform size mm	Maximum load kg	Division g	Load capacity kg	Delivery time 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
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

Order No.:	Configuration
2501.35.003	Assembly installation frame, for platform 1,500 x 1,250 mm, for 3.5 t load capacity, welded
2501.45.003	Assembly installation frame, stainless steel, for platform 1,500 x 1,250 mm, for 3.5 t load capacity, welded
2505.05.003	Drive-on ramp, smooth 1,000 x 1,250 x 80 mm, painted, light-gray, for platform 1,500 x 1,250 mm (length of 1,000 mm provides minimal exertion required for driving up and low grade angle)

See pages 76 / 77 for more accessories

Weighing platform 2816

painted, approvable, robust

Features

▶ Approvable, class III

▶ Weighing platform made from painted steel

▶ Screw-mounted plate

▶ Load cell made from nickel-plated steel, protection class IP 67

▶ 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

Order No.:	Platform size	Maximum load	Division	Load capacity	ATEX 2/22	Delivery time
	mm	kg	g	kg	2540.01.	week
Approvable						
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

* ATEX zone 2/22 configuration available: 2540.01.006. For maximum loads of 3,000 kg also available as configuration with Flintec load cells. For details see page 123.

Other weighing ranges and dimensions available on request. See pages 76 / 77 for more accessories

CE | Class III | M | IP 65 | TQM | Ex

Optional

Weighing platform 2817

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

MADE IN GERMANY

Features

- ▶ Approvable, class III
- ▶ Weighing platform made from 1.4301 stainless steel, eccentric grinding
- ▶ Screw-mounted plate
- ▶ Load cells made from stainless steel, protection class IP 68
- ▶ Terminal box made from stainless steel
- ▶ Protection class IP 65 (protection class can be increased to IP 68 with potted terminal box, see accessories on page 77)

- ▶ 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

Order No.:	Platform size mm	Maximum load kg	Division g	Load capacity kg	ATEX 2/22 2540.01.	Delivery time week
Approvable						
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

* ATEX zone 2/22 configuration available: 2540.01.005. For maximum loads of 3,000 kg also available as configuration with Flintec load cells. For details see page 123.
Textured plate and other weighing ranges and dimensions available on request. See pages 76 / 77 for more accessories

CE Class III M IP 65 Stainless steel S TQM   ⟨Ex⟩ IP 68

Optional

Weighing platform 2818

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

MADE IN
GERMANY

Features

▶ Approvable, class III
▶ Weighing platform made from 1.4301 stainless steel, hinged platform
▶ Load cells made from stainless steel, protection class IP 68
▶ Terminal box made from stainless steel
▶ Protection class IP 65 (protection class can be increased to IP 68 with potted terminal box, see accessories on page 77)
▶ 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

Order No.:	Platform size mm	Maximum load kg	Division g	Load capacity kg	ATEX 2/22 2540.01.	Delivery time week
Approvable						
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*	ANF
2818.73.001	1.500 x 1.500 x 80	600 | **1.500**	200 | 500	3.500	.005*	ANF
2818.74.001	1.500 x 1.500 x 80	1.500 | **3.000**	500 | 1.000	3.500	.005*	ANF

* ATEX zone 2/22 configuration available: 2540.01.005. All models also available as configuration with Flintec load cells. For details see page 123.
Textured plate, other weighing ranges and dimensions available on request. See pages 76 / 77 for more accessories

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

Optional

Accessories

	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
	2505.05.008	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
	2505.06.008	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	Stainless steel base frame 2894, dimensions: 800 x 600 x 700 (W x D x H) (height = without weighing platform), with 4 adjustable feet
	2502.02.008	Bracket for stainless steel base frame
	2502.02.001	Mobile base frame, stainless steel, for 2892
	2502.02.010	Mobile base frame, stainless steel, for 2893
	2502.02.002	Bracket for mobile base frame, stainless steel
	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, 2.5 kg preload, for weighing platform 2890.01 / 02 / 03
2513.00.006	Roller conveyor, transverse, standard, 270 mm / 310 mm / 275 mm / 35 mm / 30 mm, 5 kg preload, for weighing platform 2890.03 / 04
2513.00.010	Roller conveyor, transverse, standard, 360 mm / 400 mm / 300 mm / 50 mm / 40 mm, 5 kg preload, for weighing platform 2891.04 / 05
2513.00.011	Roller conveyor, longitudinal, standard, 260 mm / 300 mm / 400 mm / 50 mm / 40 mm, 5.5 kg preload, for weighing platform 2891.04 / 05
2513.00.003	Roller conveyor, transverse, standard, 480 mm / 520 mm / 400 mm / 50 mm / 40 mm, 7 kg preload, for weighing platform 2892.04 / 05 / 06
2513.00.004	Roller conveyor, longitudinal, standard, 360 mm / 400 mm / 520 mm / 50 mm / 40 mm, 7.5 kg preload, for weighing platform 2892.04 / 05 / 06
2513.00.007	Roller conveyor, transverse, standard, 620 mm / 660 mm / 550 mm / 55 mm / 50 mm, 17 kg preload, for weighing platform 2893.05 / 06
2513.00.008	Roller conveyor, longitudinal, standard, 510 mm / 550 mm / 660 mm / 55 mm / 50 mm, 18 kg preload, for weighing platform 2893.05 / 06
2513.00.009	Roller conveyor, longitudinal, standard, 560 mm / 600 mm / 800 mm / 62.5 mm / 50 mm, 24 kg preload, for weighing platform 2894.06 / 07
2510.24.006	Assembly plate versions for ramps, drive-on side, up to 1,500 mm (version in V4A on request)
2516.01.002	Terminal box in protection class IP 68, potted
2602.01.018	Cable extension for weighing platforms with terminal box with one load cell 2890-93 (2816, 2817, 2818, 2823, 2814, 2825, 2815)
2550.05.007	Identchip in terminal box with 10 m cable (When ordering in combination with a weighing platform)

* not including assembly (please ask for footing plans for installing the assembly frame). Other requirements 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
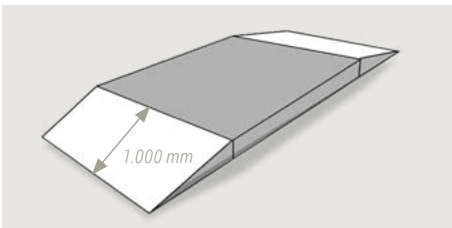
Drive-on ramps (length of 1,000 mm provides minimal exertion required for drive-on and low grade angle)
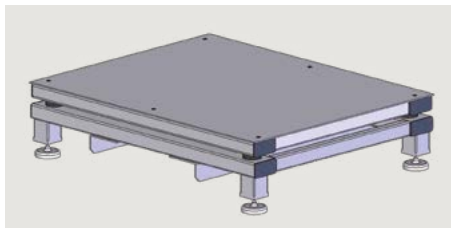
Base frame for pallet truck transport
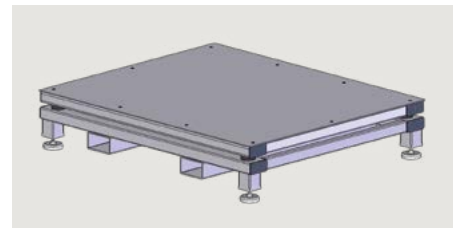
Base frame, forklift transport
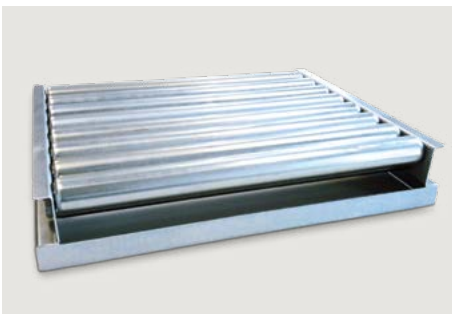
Roller conveyor, snap-on
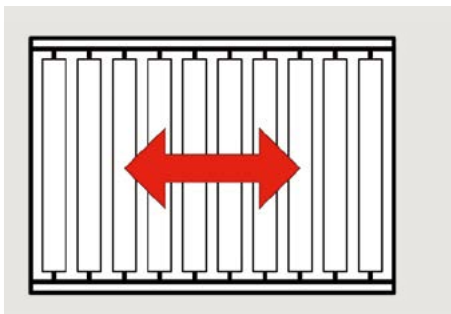
Roller conveyor, longitudinal
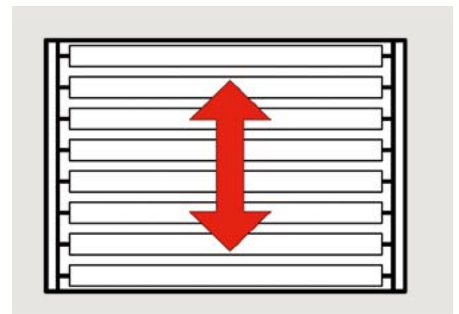
Roller conveyor, transverse

Multi-functional scale 7708, 7808

For mobile use

Terminal 3700

Terminal 3710

Features

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

▶ Battery mode supports flexible use at different locations
▶ Energy-efficient due to integrated Auto-off function of the rechargeable battery with adjustable timer from 1 – 30 minutes or continuous operation
▶ Terminal 3700 Basic: Integrated rechargeable battery with plug-in power supply 100 – 240 V /
50 – 60 Hz, Rechargeable battery operating time: 50 hours (depending on settings)
▶ Protection class IP 42

Order No.:	Configuration	Platform size mm	Maximum load kg	Division g	Delivery time week
Approvable					
7708.60.002	With terminal 3710 Standard	880 x 840 x 55	**300**	100	1
Not approvable					
7808.60.002	With terminal 3700 Basic	880 x 840 x 55	**300**	100	1

Accessories

Order No.:	Configuration
2502.04.001	Aluminum guide profile for 7708, 7808
2505.08.001	Drive-on ramp for 7708, 7808

IP 65
easy drive-on
approvable
versatile

IP 67
stainless
low drive-on height
rugged
drive-on ramps

9

9. Drive-through scales

For easy driving onto the scale

2814
Drive-through scale, integrated ramps, approvable
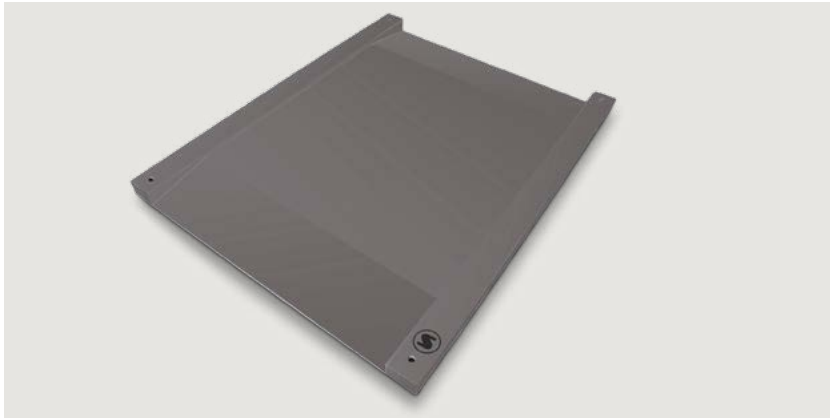
2814
Drive-through scale, approvable

2825
Drive-through scale, hinged platform, approvable

Drive-through scale 2814

Integrated ramps, approvable

Illustration: Painted variant

Features

- Approvable, class III
- Robust steel structure
- Low drive-on height (max 17 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 configuration: Load cell stainless steel, 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 77)
- Optionally with plug-in connection to the terminal
- Can be combined with all approvable Soehnle Professional terminals

Order No.:	Configuration	Platform size mm	Dimensions mm	Maximum load kg	Division g	Delivery time week
Approvable						
2814.20.001	painted	1.000 x 1.000 x 41	1.600 x 1.200 x 78	150 | **300**	50 | 100	1
2814.21.001	painted	1.200 x 1.200 x 41	1.800 x 1.400 x 78	300 | **600**	100 | 200	1
2814.30.002	Stainless steel*	850 x 850 x 40	1.050 x 1.050 x 80	150 | **300**	50 | 100	1

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

Optional

Drive-through scale 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 configuration: Weighing platform made from 1.4301 stainless steel, glassbead-blasted, load cell made from stainless steel, 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

Order No.:	Configuration	Platform size mm	Dimensions mm	Maximum load kg	Division g	ATEX 2/22 2540.01.	Delivery time week
Approvable							
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.
All models also available as configuration with Flintec load cells.

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
2505.03.006	Drive-on ramp, smooth 1,450 x 500 x 50 mm, for platform 1,500 x 1,250 mm
2516.01.002	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
2505.03.008	Drive-on ramp, smooth 1,450 x 500 x 50 mm, for platform 1,500 x 1,250 mm
2516.01.002	Terminal box, potted (increases protection class to IP 68)

Optional

Drive-through scale 2825

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

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

Features

▶ Approvable, class III
▶ Weighing platform made from 1.4301 stainless steel, hinged platform
▶ Load cells made from stainless steel
▶ Terminal box protection class IP 65 (protection class can be increased to IP 68 with potted terminal box, see accessories)
▶ Easy to clean design, hygienic design
▶ Gas compression springs made from 1.4301 stainless steel
▶ Load acceptance iaw. DIN 8119-4, control load 3

▶ The special pivot point design allows the scale to be positioned directly on a wall with the rear side facing
▶ To drive-on or drive-over
▶ Drive-on ramps for easy drive-on with load, length: 489 mm (see accessories)
▶ Measurement 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

Order No.:	Configuration	Platform size mm	Dimensions mm	Maximum load kg	Division g	Load capacity kg	Delivery time week
Approvable							
2825.01.001	Stainless steel	1.250 x 1.500	1.865 x 1.625 x 40	600 | **1.500**	200 | 500	2.000	2 – 3
5711.02.001	Transport lock / mounting frame, painted yellow (for purchase / in exchange*)						

* Reimbursement of the price on return of the transport security.

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
2516.01.002	Terminal box in protection class IP 68, potted

CE Class III M IP 65 Stainless steel S TQM IP 68

Optional

10. Pallet scales

Easy weighing of pallets

tons kg

stainless steel

approvable

pallets

mobile

low scale weight

IP 68

painted

Pallet scale 7765, 2815

Approvable

Pallet scale incl. 3710

Pallet scale incl. 3010
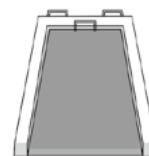
Load capacity: 300 kg

Transportation device

Features

▶ Approvable, class III
▶ Portability due to transport handle and rollers
▶ Low scale weight of approx. 40 kg
▶ Stainless steel configuration: Weighing platform made from 1.4301 stainless steel, load cell made from stainless steel, protection class IP 68
▶ 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 77)
▶ 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
▶ Configuration .002 rechargeable battery: 20 hours of operating time (depending on settings)

Order No.:	Configuration	Maximum load kg	Division g	ATEX 2/22 2540.01.	Delivery time week
Approvable					
7765.11.002	Painted, incl. 3710, rechargeable battery, wall bracket	300 | **600**	100 | 200		1
7765.12.002	Painted, incl. 3710, rechargeable battery, wall bracket	600 | **1.500**	200 | 500		1
7765.13.002	Painted, incl. 3710, rechargeable battery, wall bracket	1.500 | **3.000**	500 | 1.000		1
7765.21.001	Stainless steel, incl. 3010, protection class IP 67, wall bracket	300 | **600**	100 | 200		1
7765.22.001	Stainless steel, incl. 3010, protection class IP 67, wall bracket	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

* ATEX zone 2/22 configuration available: 2540.01.005, 2540.01.006.
All models also available as configuration with Flintec load cells. For details see page 123.

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

11. Pallet truck scales

Transporting and weighing in a single process step

Tilt sensor

data transfer

strain-gauge
load cells

logistics processes

rechargeable battery mode

Pallet truck scale 9761

The mobile solution for your logistics process

Features

▶ Tilt sensor: weighing with up to 10% tilt to all sides (approvable configuration)
▶ Rechargeable battery mode: Supplied scope includes one rechargeable battery, 12 V – 1.2 Ah
▶ Weighing operating time: 8 – 10 hours (with WLAN module 4 hours)
▶ Power supply with charging function, 100 – 240 V, 50 / 60 Hz
▶ Steel housing to protect the terminal
▶ Base terminal, protection class IP 65
▶ Four strain-gauge load cells, protection class IP 67
▶ Tandem rollers made from polyurethane
▶ Steering rollers made from polyurethane
▶ Dimensions: 1.600 x 580 x 1.220 mm
▶ Fork length: 1,200 mm
▶ Minimum fork clearance: approx. 93 mm
▶ Lift height: 19 cm
▶ Scale weight: 135 kg

Base terminal 3010

▶ Functions: Weighing, taring, counting, checking, totaling
▶ Housing made from 1.4301 stainless steel
▶ Optimized legibility due to backlit LC display
▶ Simple process integration with interfaces
▶ Integrated LED control light for check weighing

Options

▶ Interchangeable rechargeable battery (1 rechargeable battery included in supplied scope), 12 V, 1.2 Ah, (Order No.: 2557.30.002), charging time 4-5 hours
▶ Bluetooth™ portable printer (thermo printer) for mobile use
▶ Data transfer via WLAN or Bluetooth™

Order No.:	Configuration	Maximum load	Division	Delivery time
		kg	g	week
9761.14.001	Base terminal 3010	400 | 1.000 | **2.000**	200 | 500 | 1.000	2–3
9761.14.100*	Base terminal 3010	**2.000**	1.000	2–3

*approvable

Accessories

Order No.:	Configuration
2557.30.002	Additional rechargeable battery, 12 V, 1,2 Ah
2795.50.001	Mobile receipt printer (belt printer), 80 mm/s., 203 dpi (8 dots/mm), incl. 2563.12.001, as installation kit
2795.50.002	Mobile receipt printer (belt printer), 80 mm/s., 203 dpi (8 dots/mm), incl. 2563.12.001, installed
2563.10.002	WLAN module, range indoor 30–50 m, outdoor 300 m
2563.12.001	Bluetooth™ module, range approx. 10 m
2564.20.005	Scale Connecting Plus, extensive software for transferring scale data to PC-based software
2792.40.002	Alibi memory Micro-SD 4 GB installed

CE | Class (III) | M | IP 65 | Recha. Batt. | TQM | TM Bluetooth *Optional* | WLAN

12. Wall-mounted scales

For catering & hotel operations and production facilities

7624
Wall-mounted scale with terminal 3010

7625
Wall-mounted scale, stainless steel, with terminal 3010

2821
Wall-mounted scale

2820
Meathook scale

Wall-mounted scale 7624

Approvable

Wall-mounted scale 7624 with meat hook accessory

Features

- ▶ Approvable, class III
- ▶ Wall-mounted scale for dry operating environments in catering and hotel operations and in commercial kitchens
- ▶ Terminal: protected against dust and water spray, protection class IP 67
- ▶ Aluminum load cell, protection class IP 65
  Functions: Weighing and taring, zero reset, totaling, order picking, checking, plus / minus weighing

- ▶ Hinged weighing platform made from 1.4301 stainless steel
- ▶ Terminal 3010.02.002 with bench / wall bracket
- ▶ Integrated power supply
- ▶ Version1, Order No.: .001: No interface, version 2, Order No.: .002: With RS 232 interface, data transfer to printer or IT
- ▶ Scale weight: 64 kg

Order No.:	Configuration	Platform size mm	Maximum load kg	Division g	Delivery time week
Approvable					
7624.22.001	Standard	550 x 440	**60**	20	1
7624.23.001	Standard	550 x 440	**150**	50	1
7624.22.002	Standard with RS 232	550 x 440	**60**	20	1
7624.23.002	Standard with RS 232	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
2507.01.002	Protective cover 3010

See additional accessories for base terminal 3010 on pages 107 – 109

Optional

Wall-mounted scale 7625

Approvable, stainless steel load cell

Features

- ▶ Approvable, class III
- ▶ Only 100 mm overall depth when folded up
- ▶ Rear wall height: 200 mm
- ▶ Scale weight only 22 kg; conveniently installed by one person
- ▶ Easy installation with drill template and limited adjustments
- ▶ Overload adjustment is completely eliminated
- ▶ Functions: Weighing and taring, zero reset, totaling, order picking, checking, plus / minus weighing

- ▶ Open design made completely from stainless steel, including load cell
- ▶ Wall-mounted scale, protection class IP 68/69K, suited for high-pressure cleaning
- ▶ Terminal: protected against dust and water spray, protection class IP 67
- ▶ Version 1, Order No.: .001: No interface, Version 2, Order No.: .002: With RS 232 interface, data transfer to printer or IT

Order No.:	Configuration	Platform size mm	Maximum load kg	Division g	Delivery time week
Approvable					
7625.40.001	Stainless steel	500 x 400	**60**	20	1
7625.41.001	Stainless steel	500 x 400	**150**	50	1
7625.40.002	Stainless steel with RS 232	500 x 400	**60**	20	1
7625.41.002	Stainless steel with RS 232	500 x 400	**150**	50	1

Accessories

Order No.:	Configuration
2507.01.002	Protective cover 3010

See additional accessories for base terminal 3010 on pages 107 – 109

CE | Class III | M | OIML | IP 67 | Stain-less steel | TQM | RS232

Optional

Wall-mounted scale 2821

Approvable

MADE IN GERMANY

Features

▶ Approvable, class III

▶ Only 100 mm overall depth when folded up

▶ Weighing surface (W x D) 500 x 400 mm

▶ Rear wall height: 200 mm

▶ Scale weight only 22 kg; conveniently installed by one person

▶ Easy installation with drill template and limited adjustments

▶ Overload adjustment is completely eliminated

▶ Open design made completely from stainless steel, including load cell

▶ Protection class IP 68/69K, suited for high-pressure cleaning

▶ Can be combined with all approvable Soehnle Professional terminals

Order No.:	Configuration	Platform size mm	Maximum load kg	Division g	Delivery time week
Approvable					
2821.40.001	Stainless steel	500 x 400	**60**	20	1
2821.41.001	Stainless steel	500 x 400	**150**	50	1
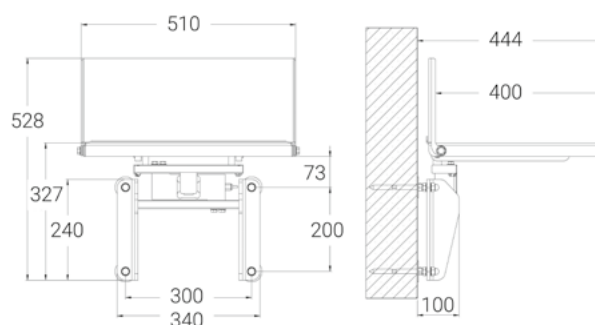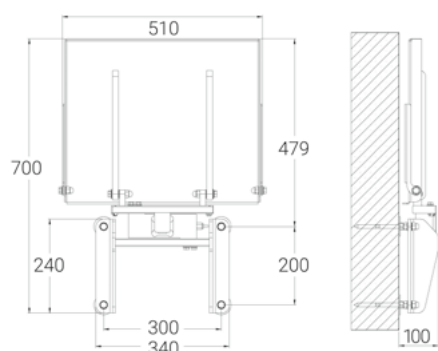
Meathook scale 2820

Approvable

Features

▶ Approvable, class III
▶ Protection class IP 68/69K, suited for high-pressure cleaning
▶ Convenient one-person assembly due to the low scale weight of the scale
▶ Easy installation with drill template and limited adjustments
▶ Open design made completely from stainless steel, including load cell

▶ Position is independent from a wall-mounted scale
▶ Can be combined with all approvable Soehnle Professional terminals

Order No.:	Configuration	Maximum load kg	Division g	Delivery time week
Approvable				
2820.01.001	Stainless steel	**60**	20	1
2820.02.001	Stainless steel	**150**	50	1
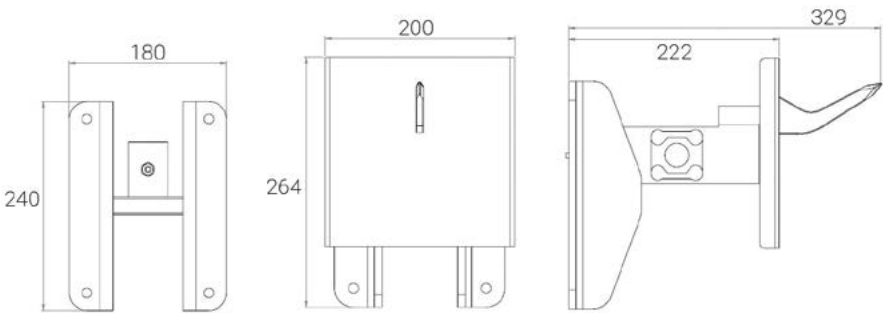
13. Overhead track scales

For weighing oversized hanging parts

kg
approvable

KG

Corrosion pr...

Stainless steel

Alum...

Tube track system
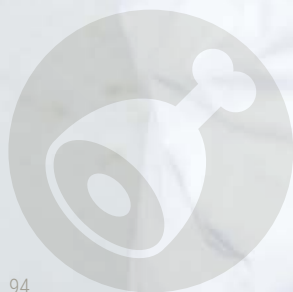
Overhead track scale 2922

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

Custom tracks (profile or lengths) on request.

Accessories

Order No.:	Configuration
2510.22.004	Track mount, corrosion-protected
2510.22.001	Ceiling mount, max. 530 mm, corrosion-protected
2510.22.002	Ceiling mount, max. 730 mm, corrosion-protected
2510.22.003	Ceiling mount, max. 1,000 mm, 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

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Organization data memory

Membrane keypad

Color display

Professional

made in Germany

Application software

Options

Wall /
bench mounted

Interfaces

14. Terminals

Appropriate for various applications and environments

Basic 3700
Terminal

Standard 3710
Terminal

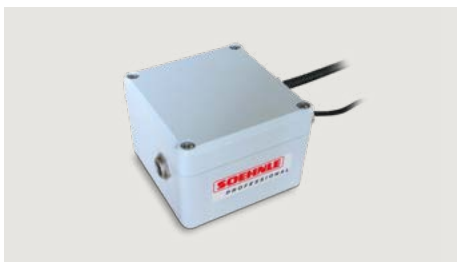## Professional 3720
Terminal

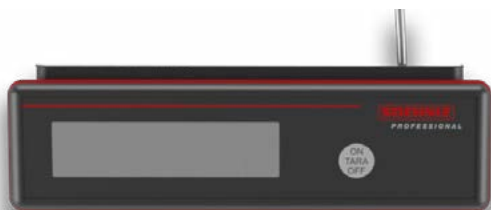## 3010
Base terminal

3025
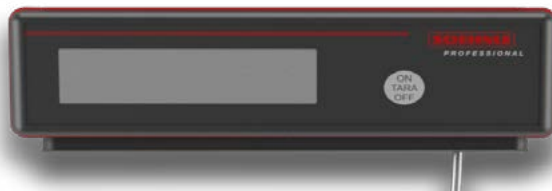Terminal

3035
Terminal

A/D converter

Analog amplifier

Terminals with plastic housing

Selectable, flexible cable exit

Version 1:
Cable exit on top

Version 2:
Cable exit on bottom
We recommend choosing the terminal with cable exit on bottom
for wall-mounted installations.

Basic 3700

Features

▶ Not approvable, resolution up to 32.000 d
▶ Permanently defined weighing ranges from 2 kg – 3,000 kg (single range)
▶ Protection class IP 42 or IP 65
▶ Large LC display, character height: 20 mm
▶ Fast single-key operation
▶ Dimensions: 270 x 85 x 58 mm
▶ Scale weight: 0,4 kg
▶ Functions: Weighing, taring, adding, plus / minus check, hold
▶ Units in kg or lb
▶ Power supply mode: 100 – 240 V / 50 – 60 Hz
▶ Rechargeable battery mode
▶ Incl. wall bracket / stand bracket

MADE IN
GERMANY

Order No.:	Configuration	Protection class IP	Delivery time week
3700.01.001	Basic compact (cable exit on top)	42	1
3700.01.101	Basic compact (cable exit on top)	65	1
3700.50.001	Basic stand (cable exit on bottom)	42	1
3700.50.101	Basic stand (cable exit on bottom)	65	1

CE IP 42 IP 65 Recha. Batt. TQM RS232
Optional

Terminals with plastic housing

Standard 3710

Features

▶ Approvable class III up to 10.000 e or not approvable
▶ Weighing range up to 100,000 kg
▶ Protection class IP 42
▶ Backlit LC display, character height: 16 mm
▶ 5-key operator control with user-programmable function key
▶ Dimensions: 270 x 85 x 58 mm
▶ Scale weight: 0,4 kg
▶ Functions: Weighing, taring, counting, checking, count check, neutral measuring, percent weighing, plus / minus weighing, adding, GLP protocol
▶ PLU memory for item weights and tare
▶ Integrated RS 232 interface and print function
▶ Power supply mode: 100 – 240 V / 50 – 60 Hz
▶ Incl. wall bracket / stand bracket

MADE IN **GERMANY**

Order No.:	Configuration	Protection class IP	Delivery time week
3710.01.001	Standard compact (cable exit on top)	42	1
3710.50.001	Standard stand (cable exit on bottom)	42	1

CE | Class III | M | IP 42 | RS232 | TQM | PSU | RS232 | USB | industrial ETHER NET | Recha. Batt. | TM Bluetooth

Optional

Professional 3720

Features

▶ Approvable class III up to 10.000 e or not approvable
▶ Weighing range up to 100,000 kg
▶ Protection class IP 65
▶ Backlit LC display, character height: 16 mm
▶ 12-key operator control with user-programmable function key
▶ Dimensions: 270 x 85 x 58 mm
▶ Scale weight: 0,4 kg
▶ Functions: Weighing, taring, counting, count check, checking, PLU check-ing, totaling, order picking, recipe measuring, dosing, neutral measuring, percent weighing, plus / minus / weighing, adding, GLP protocol
▶ PLU memory for unit weights, count check, tare and recipe values
▶ Easylog data set
▶ Integrated RS 232 interface and print function
▶ Power supply mode: 100 – 240 V / 50 – 60 Hz
▶ Incl. wall bracket / stand bracket
▶ Second scale can be connected to second measurement location (not retrofittable)

MADE IN **GERMANY**

Order No.:	Configuration	Protection class IP	Delivery time week
3720.01.101	Professional compact (cable exit on top)	65	1
3720.50.101	Professional stand (cable exit on bottom)	65	1

CE | Class III | M | IP 65 | RS232 | TQM | PSU | RS232 | USB | industrial ETHER NET | Recha. Batt. | TM Bluetooth

Optional

14

Input / outputs with options

For terminals with plastic housing

1a →

1 2 3 4 5 6 7 8 9

Basic 3700

1a Power supply / rechargeable battery version
7   Serial RS 232 (IT)
8   Pressure compensation membrane
    (protection class IP 65)

Standard 3710

1a Power supply / rechargeable battery version
    (optional)
1   Power supply
2   Scale
4   Optional Interface
5   Optional Interface
6   I/O socket
7   Serial RS 232 (IT or printer)
8   USB
9   Second display

Professional 3720

1a Power supply / rechargeable battery version
    (optional)
1   Power supply
2   Scale 1
3   Scale 2
4   Optional Interface
5   Serial RS 232 (IT or printer)
6   I/O socket or optional Interface
8   Pressure compensation membrane
    (protection class IP65)
9   Ethernet

Accessories: Terminals with plastic housing

For catalog pages 98 – 100

Accessories	Order No.:	Basic P No.	Standard P No.	Professional P No.
Stands				
Bench stand, powder-coated	2504.	09.001	09.001	09.001
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.		20.002	20.002
Plug-in interface with ID chip installed, approvable section point between compact and second scale*	2550.			05.002
Interfaces/Data cables				
RS 232 IT interface installed, 9 pin (not decoupled)*	2563.	21.004		
IT data cable for Basic and Standard 3 m, 9 pin, data cable for Professional 2 m, 5 pin – 9 pin (for not decoupled interface)	2550.	03.014	03.014	
RS 232 IT interface installed, 5 pin (decoupled)*	2563.		21.002	21.002
IT cable 2 m, 5 pin – 9 pin, (for decoupled interface)	2550.		03.002	03.002
IT cable 2 – 10 m, 5 pin – 9 pin, (for decoupled interface)	2550.		00.008	00.008
USB interface installed*	2563.			47.002
USB data cable 2 m	2550.			03.011
USB / second display interface, incl. 3 m USB cable*	2563.		47.004	
Ethernet interface installed, incl. 10 m patch cable* (not combined with rechargeable battery pack)	2563.		45.002	45.002
WLAN module configured (only in conjunction with installed Ethernet interface)*	2563.		10.004	10.004
Bluetooth™ interface installed*	2563.		12.001	12.001
Printers				
Label printer with cut-off device, print width up to 104 mm (thermo-direct)	2795.		12.001	12.001
Label printer, print width up to 108 mm (thermo-direct)	2795.		20.001	20.001
Tape printer, paper width up to 76 mm (9 pin)	2795.		14.001	14.001
Printer cable 2 m, 9 pin – 25 pin, (for not decoupled interface)	2550.		03.015	
Printer cable 1.8 m. 9 pin (printer 2795.20.001)	2550.		03.030	
Printer cable 5 pin – 25 pin, (for decoupled interface)	2550.		03.007	03.007
Printer cable 5 pin – 25 pin, 2 – 10 m (for decoupled interface)	2550.		00.009	00.009
Displ./Contr. light				
Second display installed, protection class IP 65, dimensions: 270 x 85 x 58 mm, cable 2 m, 5 pin plug, incl. interface, no backlighting, power supplied by scale*	2562.		70.002	70.002
Large display LED 100 mm, 5 pin plug with 15 m cable	2562.		01.003	01.003
Second display LED 38 mm, 5 pin plug with 15 m cable	2562.		12.001	12.001
Control light, 4 lights*	2551.		04.001	04.001
Control light, 3 lights*	2551.		50.002	50.002
Software				
PC service software (print image design, data record, printer setup)	2564.		10.001	10.001
Scale Connecting, software for transferring scale data to PC-based software	2564.		20.002	20.002
Scale Connecting Plus, extensive software for transferring scale data to PC-based software (with activation code)	2564.	20.005	20.005	20.005
Pricing software	2564.		50.001	
Software for linking scale to SAP R/3, via RS 232, USB or Ethernet	2564.		20.006	20.006
Miscellaneous				
Keyboard wedge USB, for RS 232 scale interface to PC USB interface (additionally required data cable 2550.03.011, 9 pin connection 37xx - PC)	2563.	00.008	00.008	00.008
Rechargeable battery pack installed for mains-independent operation* (not combined with ethernet interface)	2557.		40.001	40.002
UK power adapter	2557.	25.002	25.002	25.002
Name plate, blank (only for second scale interface Professional)	2512.			06.001
Name plate, with entries	2512.		06.002	06.002

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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Accessories: Possible combinations

Possible combinations Terminal Standard 3710

Option / Interface	Can be combined with the following options								
	Measuring point 1	RS 232 not decoupled	RS 232 decoupled	Ethernet	USB	USB / Second display	Bluetooth	Control light	Rechargeable battery
RS 232 not decoupled	●	■	◇	◇	◇	◇	◇	○	○
RS 232 decoupled	●	●	■	■	■	■	■	○	○
Ethernet	●	●	■	■	■	■	■	○	■
USB	●	●	■	■	■	■	■	○	○
USB / Second display	●	●	■	■	■	■	■	○	■
Bluetooth	●	●	■	■	■	■	■	○	○
Control light	●	●	◇	◇	◇	◇	◇	■	■
Rechargeable battery	●	●	◇	■	◇	■	◇	■	■

- ● Included as standard
- ◇ No further options can be connected
- ○ Option can be used at any time
- ■ Combination not possible

Possible combinations Terminal Professional 3720

Option / Interface	Can be combined with the following options								
	Measuring point 1	Measuring point 2	RS 232 not decoupled	RS 232 decoupled	Ethernet	USB	Bluetooth	Control light	Rechargeable battery
RS 232 not decoupled	●	●	■	△	△	△	△	○	○
RS 232 decoupled	●	●	●	■	◇	◇	◇	○	○
Ethernet	●	●	●	◇	■	◇	◇	○	■
USB	●	●	●	◇	◇	■	◇	○	○
Bluetooth	●	●	●	◇	◇	◇	■	○	○
Control light	●	●	●	△	△	△	△	■	■
Rechargeable battery	●	●	●	△	■	△	△	■	■

- ● Included as standard
- ○ Option can be used at any time
- ◇ No further options can be connected
- △ One additional option can be connected
- ■ Combination not possible

Base terminal 3010

For rough environments

MADE IN GERMANY

Weighing and taring
Counting
Totalising
Order picking
Withdrawal weighing
Dynamic switching
Checking
Count checking
Dosing

Features

▶ Approvable, class III, resolution up to 10.000 e
▶ Wägebereich 0 – 120.000 kg
▶ Protection class IP 40 or IP 67
▶ 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
▶ 1 measuring point included, second measuring point optional
▶ Integrated power supply, 100 – 240 V AC, 50 –60 Hz

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)

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
▶ 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 optionally available as ATEX version for use in ATEX zone 2/22

Order No.:	Configuration	Delivery time week
3010.02.001	Protection class IP 40	1
3010.02.002	Protection class IP 67	1
3010.02.003	Protection class IP 67, ATEX zone 2/22	1
3010.32.001	Control cabinet, built-in, protection class IP 42	1
3010.22.001	Mobile, with rechargeable battery, protection class IP 67	1

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CE | Class III | M | OIML | IP 40 | IP 67 | Stainless steel | PSU | | TQM | RS232 | USB | PROFI BUS | industrial ETHER NET | Ex | Recha. Batt.

Optional

Terminal 3025

For various applications

MADE IN GERMANY

Weighing and taring
Totalising and order picking
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
▶ Pressure is compensated by gas-permeable membrane

Display & Tastatur

▶ 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
▶ Large weight display with 20 mm height
▶ Membrane keypad with alphanumeric key input for a convenient operation

Connectivity options

▶ Up to 2 analog weighing platforms can be connected
▶ 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:

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

USB applications available

for connections as

▶ PC keyboard
▶ Keyboard wedge
▶ Tape and label printers
▶ Dataloggers 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 2 million entries, as well as for the storage of fixed values and for the installation of software updates and for 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 107-109

Order No.:	Configuration	Delivery time week
3025.01.001	Terminal with RS232 incl. internal measuring point	1
3025.01.002	Terminal with USB incl. internal measuring point	1

Expected to be available from March 2019

CE Class III M IP 67 Stainless steel PSU TQM RS232 USB RS232 USB industrial ETHER NET

Optional

Terminal 3035

For complex applications

- Weighing and taring
- Totalising and order picking
- Counting
- Checking
- Classifying
- Recipe weighing
- Neutral measuring
- Vehicle weighing
- Dynamic switching
- Percent weighing

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 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

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
- ▶ 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
- ▶ Large weight display with 20 mm height
- ▶ Membrane keypad wit 32 large keys for reliable operation

Connectivity options

- ▶ 3 internal analog measuring points possible
- ▶ 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

- ▶ 1 RS 232 data interface or USB included
- ▶ 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

Optional

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Terminal 3035

USB applications available

for connections as

- ▶ PC keyboard
- ▶ Keyboard wedge
- ▶ Tape and label printers
- ▶ Dataloggers via USB stick
- ▶ IT integration

Memory card

- ▶ Memory card (Micro SD card) for alibi memory with add-on field for traceability using onetime customer reference number
- ▶ Fixed value memory
- ▶ Software update

Options

- ▶ I/O card with variable function applications, 4 inputs and 6 outputs
- ▶ Application software for data maintenance of fixed value memory
- ▶ Other options, see accessory list on page 107 and up
- ▶ Wheel load weighing solution: Terminal composite scale 3035.02 and 2 additional measuring points 2554.10.002

Display configuration options for

- ▶ Color (see features)
- ▶ Control light function (see display & keyboard)
- ▶ Variable displays for various user applications in the information field or secondary display

Other new functions

- ▶ User password with login function
- ▶ IT management
- ▶ Q commands (acknowledgment or confirmation of action)
- ▶ New IT commands <H>, <G> and <I>
- ▶ Adjustment function with direct weight check and subsequent 3-fold setpoint programming during the calibration process
- ▶ Remote maintenance / analysis

Order No.:	Configuration	Delivery time week
3035.01.001	Terminal with RS 232, incl. internal measuring point	1
3035.01.002	Terminal with USB, incl. internal measuring point	1
3035.02.001	Terminal composite scale with RS 232 incl. 2 measuring points and custom software	1
3035.02.002	Terminal composite scale with USB incl. 2 measuring points and custom software	1
3035.30.001	Terminal with RS 232, control cabinet version	1
3035.01.003	Terminal with RS 232, incl. internal measuring point, ATEX zone 2/22	1
3035.01.004	Terminal with USB, incl. internal measuring point, ATEX zone 2/22	1

Application software – controlling with control light display

Accessories: Terminals with stainless steel housing

For catalog pages 103 – 106

Accessories	Order No.:	3010 P No.	3010.22 P No.	3025 P No.	3035 P No.
Stands					
Stand bracket	2503.			30.001	30.001
Bench stand made from stainless steel	2504.	08.001	08.001	08.001	08.001
Bench stand made from stainless steel 800 mm	2504.	08.004	08.004	08.004	08.004
Wall / bench bracket	2503.			30.002	30.002
Wall / stand bracket, stainless steel	2503.	40.001	40.001		
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
Approvable Accessories					
Alibi memory Micro-SD 4GB, as installation kit (3035 also for fixed value memory and software upate)	2792.	40.001	40.001	40.001	40.001
Alibi memory Micro-SD 4GB, installed (3035 also for fixed value memory and software update)	2792.	40.002	40.002	40.002	40.002
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	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
EthernetIP (CIP) interface 3010	2563.	48.002			
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	2563.	10.004	10.004	10.004	10.004
Bluetooth™ module	2563.	12.001	12.001	12.001	12.001
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

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Accessories	Order No.:	3010 P No.	3010.22 P No.	3025 P No.	3035 P No.
Data cable for Sartorius to 3035, circular connector	2550.			03.031	03.031
Data cable for Sartorius to 3035, 25 pol.	2550.			03.036	03.036
Data cable for Radwag to 3035	2550.			03.032	03.032
Measuring point installed (3035: Measuring point for filter type 2)	2554.	40.005	40.005		10.002
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.	40.004	40.004		10.001
Measuring point as installation kit (3025/3035: Measuring point for filter type 3)	2554.			10.004	10.004
I/O 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 CD PC application software for transferring fixed values (compatible with Windows 7, 8, 10)	2564.			12.002	12.002
CD PC service software for print format design, dataset, printer installation (compatible up to Windows 10)	2564.	10.003	10.003	10.003	10.003
PC software Scale Connecting, software for transferring scale data to PC-based software (compatible up to Windows 10)	2564.	20.002	20.002	20.002	20.002
Scale Connecting Plus, extensive software for transferring scale data to PC-based software (with activation code, compatible up to Windows 10)	2564.	20.005	20.005	20.005	20.005
Software for linking scale to SAP R/3, to link scale via RS 232, USB or Ethernet	2564.	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		
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
Displays/Control lights Large display LED 100 mm, 5 pin plug with 15 m cable	2562.	01.003		01.003	01.003
Second display LED 38 mm, 5 pin plug with 15 m cable	2562.	12.001		12.001	12.001
Second display LCD 20 mm, 5 pin plug with 2 m cable	2562.	70.002		70.002	70.002
Control light 30xx, interface cable 1.5 m (I/O module required)	2551.	50.001		50.001	50.001
I/O module, as installation kit for control light 2551.50.001	2563.	40.011		20.010	20.010
I/O module, installed for control light 2551.50.001	2563.	40.012		20.011	20.011
Control light 30xx, power supply cable 2 m, interface cable 1.5 m (I/O module required)	2551.	40.001		20.001	20.001
Printers/Scanners Label printer with cut-off device, print width up to 104 mm (thermo-direct), RS 232	2795.	12.001	12.001	12.001	12.001
Label printer with cut-off device, print width up to 104 mm (thermo-direct), USB	2795.	12.003	12.003	12.003	12.003
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.	14.001	14.001	14.001	14.001
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
Tape printer, paper width up to 76 mm (9 pin), USB	2795.	14.003	14.003	14.003	14.003
USB printer cable, 4 pins for printer 2795.14.003, cable length: 1.8 m	2550.			03.028	03.028
Portable scanner, wire connection, incl. bench stand bracket and power supply	2553.	20.003	20.003	20.003	20.003
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

Accessories	Order No.:	3010 P No.	3010.22 P No.	3025 P No.	3035 P No.
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 (3020 only 12 V)	2561.	40.003			
DC / DC converter 12 V - 60 V installed with 5 m cable (3020 only 12 V)	2561.	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
Protective cover	2507.	01.002	01.002	01.002	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
Control/database module	2563.				27.002

Miscellaneous (vertical row label)

Please include the Order No. + P No. when placing your purchase order.

Images Accessories

Wall bracket

Alibi memory
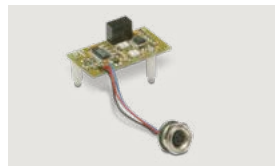
Interface

Printer- and data cable

Portable scanner

Portable wireless scanner

Bluetooth™ module

Measuring point

Plug-in connection

I/O module

Control light
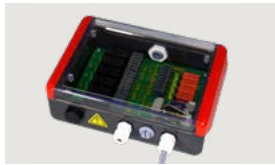
Relay box

Profibus

Ethernet interface

DC/DC converter

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
Can be combined with the following options								
Measuring point 2	●		◊	○	□	○	□	○
RS 232 decoupled	●	○	□	○	□	○	□	○
USB	●	○	◊		□	○	□	○
RS 422 / RS 485	●	○	□	○	△	○	△	○
Ethernet	●	○	◊	○	□		□	○
Bluetooth	●	○	□	○	△	○		○
I/O card	●	○	◊	○	□	○	□	

● Included as standard	○ Option can be used at any time	△ One additional option can be connected
□ Two additional options can be connected	◊ Three additional options can be connected	▨ Combination not possible

Possible combinations Base terminal 3010

Option / Interface	Can be combined with the following options										
	Measuring point 1	Measuring point 2	RS 232 decoupled	RS 422 / RS 485	USB	Bluetooth	I/O card	Ethernet	Analog output	Profibus	Ethernet IP
Measuring point 2	●		□	□	□	□	□	□	□	□	□
RS 232 decoupled	●	○	△	△	△	△	△	△	△	△	△
RS 422 / RS 485	●	○	△		△	△	△	△	△	△	△
USB	●	○	△	△		△	△	△	△	△	△
Bluetooth	●	○	△	△	△		△	△	△	△	△
I/O card	●	○	△	△	△	△		△	△	△	△
Ethernet	●	○	△	△	△	△	△		△		
Analog output	●	○	△	△	△	△	△	△			
Profibus	●	○	△	△	△	△	△				
Ethernet IP	●	○	△	△	△	△	△				
Rechargeable battery	●	○	□	□	□	□		□			

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

Possible combinations Terminal 3035

Option / Interface	Can be combined with the following options										
	Measuring point 1	Measuring point 2	Measuring point 3	RS 232 decoupled	USB	RS 422 / RS 485	Ethernet	Bluetooth	I/O card	Profibus	Profinet
Measuring point 2	●		○	◊	○	□	○	□	○	□	□
Measuring point 3	●	○		◊	○	□	○	□	○	□	□
RS 232 decoupled	●	○	○		○	□	○	□	○	□	□
USB	●	○	○	◊		□	○	□	○	□	□
RS 422 / RS 485	●	○	○	□	○		○	△	○	△	△
Ethernet	●	○	○	◊	○	□		□	○		
Bluetooth	●	○	○	□	○	△	○		○	□	□
I/O card	●	○	○	◊	○	□	○	□		□	□
Profibus	●	○	○	□	○	△		△	○		
Profinet	●	○	○	□	○	△		△	○		

● Included as standard	○ Option can be used at any time	△ One additional option can be connected
□ Two additional options can be connected	◊ Three additional options can be connected	Combination not possible

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
3005.00.002	A/D converter Profi with interface bluetooth and antenna	82 x 80 x 57	1
2506.40.001	A/D converter Profi, integrated in stainless steel weighing platform 2890, incl. power supply	platform: 310 x 275 x 90	1
2506.40.002	A/D converter Profi, integrated in stainless steel weighing platform 2891, incl. power supply	platform: 400 x 300 x 90	1

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

15. Software / IT integration

For transmitting scale data to IT systems

Scale Connecting

Features

▶ Software for transmitting scale data to PC-based software with a COM interface
▶ Simple and fast transmission with keystroke
▶ Software-independent transfer of data
▶ Scale values are written to the current cursor position, independent of software
▶ Compatible with Windows XP, Vista, Windows 7, 8 and 10

Order No.:	Configuration
2564.20.002	Scale Connecting
5751.01.002	Customized dataset formatting

MADE IN GERMANY

Scale Connecting Plus

Features

▶ Software for transmitting scale data to PC-based software with a COM interface or a Telnet-Ethernet interface
▶ Data is transmitted from a connected scale via serial or network interface
▶ Flexible configuration options
▶ Easy operation
▶ Data can be routed to multiple software recipients at the same time (Excel, Word)
▶ Portions of the transmission can be filtered
▶ Can also be stored as ASCII file
▶ Scale can be controlled with up to 3 commands
▶ Compatible with Windows XP, Vista, Windows 7, 8 und 10
▶ User address and installation location must be indicated in the purchase order

Order No.:	Configuration
	With activation code
2564.20.005	Scale Connecting Plus

MADE IN GERMANY

MADE IN GERMANY

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
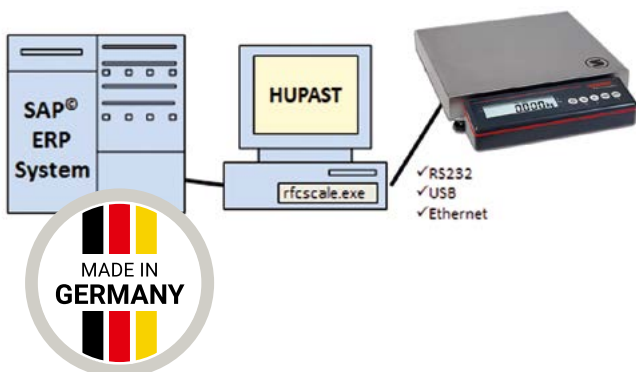
SAP© integration

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

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, 9 pin connection 30xx/37xx-PC (2550.03.002)

Order No.:	Configuration
2563.00.008	Keyboard wedge
5751.01.002	Customized dataset formatting

15

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

16. Second / large displays

Accessories for terminals

near and far range

simple LED

made in Germany

lb

LCD kg

break-proof

Large display 2562.01.003

Capturing measuring data

Features

▶ Very large display with 100 mm character height and very bright characters
▶ 6-character display option
▶ Readable distance: approx. 50 m
▶ Aluminum housing, naturally anodized
▶ Weather-resistant design, protection class IP 65
▶ Power supply: 110 ~ 240 VAC, 50 – 60 Hz, cable length: 1.5 m
▶ Interface cable length: 15 m with 5 pin plug
▶ Easy link to all approvable Soehnle Professional terminals via RS 232 interface (must also be ordered)

MADE IN GERMANY

Order No.:	Configuration	Dimensions mm
2562.01.003	Large LED display	670 x 150 x 80

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
▶ 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

Second display 2562.70.002

For reading at close range

Features

▶ LC display with 20 mm character height, 6 characters, no backlighting
▶ Display housing made from plastic
▶ Protection class IP 65
▶ Incl. RS 232 interface pre-installed in the scale terminal, power supply via terminal interface
▶ Interface cable length: 2 m with 5 pin plug
▶ Includes wall bracket
▶ Easy link to all approvable Soehnle Professional terminals

(can only be ordered in conjunction with a terminal)

MADE IN GERMANY

Order No.:	Configuration	Dimensions mm
2562.70.002	LC display	270 x 85 x 58

16

mm

printing speed

receipt printer

versatile   label printer

user-friendly   tape printer

fast

dot-matrix printer

17. Printers

Accessories for terminals

2795.12
Label printer

2795.14
Tape printer

2795.20
Label printer

2795.30
Dot-matrix printer, DIN A4

2795.50
Mobile receipt printer

Other printers on request.

17. 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
- ▶ Line & Page mode with selectable layouts
- ▶ Printing width from 104 mm to 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
2795.12.001	Label printer with cut-off device	213 x 180 x 148	1
2795.12.003	Label printer with cut-off device, USB*	213 x 180 x 148	1

*Only in conjunction with the Soehnle Professional Terminal 3035.

Accessories

Order No.:	Configuration
2550.03.015	Printer data cable for terminal 3710, cable length: 2 m
2550.03.007	Printer data cable for terminals 3720, 3010, 3020, 3035, 3005, cable length: 2 m
2550.00.009	Printer data cable for terminals 3720, 3010, 3020, 3035, 3005, cable length: 2 – 10 m
2550.03.028	USB printer data cable with 4 pin plug, cable length: 1.8 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
2550.03.030	Printer data cable for terminal 3710, cable length: 1.80 m
2550.03.010	Printer data cable for terminal 30xx, 3720, 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
2795.14.001	Tape printer	240 x 160 x 155	1
2795.14.003	Tape printer, USB*	240 x 160 x 155	1

Only in conjunction with the Soehnle Professional Terminal 3035.

Accessories

Order No.:	Configuration
2550.03.015	Printer data cable for terminal 3710, cable length: 2m
2550.03.007	Printer data cable for terminals 3720, 3010, 3020, 3035, 3005, cable length: 2 m
2550.00.009	Printer data cable for terminals 3720, 3010, 3020, 3035, 3005, cable length: 2 – 10 m
2550.03.028	USB printer data cable with 4 pin plug, cable length: 1.8 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, single VPE 10 pcs.
2500.01.005	Paper roll width: 76 mm, 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: 346 characters/second (10 cpi)
- 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
2550.03.015	Printer data cable for terminal 3710, cable length: 2m
2550.03.007	Printer data cable for terminals 3720, 3010, 3020, 3030, 3035, cable length: 2 m
2550.00.009	Printer data cable for terminals 3720, 3010, 3020, 3030, 3035, cable length: 2 – 10 m
2500.15.002	Ink tape for DIN A4 printer 2795.30, color: black, set of 2

17

Mobile receipt printer 2795.50

Features

- ▶ Thermodirect printer
- ▶ Paper: Thermo-print paper (max. Ø 40 mm), width: 58 ± 0.5 mm
- ▶ Simple paper roll changes
- ▶ Barcodes: 1D: Codabar, ITF, UPC A, UPC B, Code 39, Code 93, Code 128, EAN 8, EAN 13, EAN 18, 2 D: QR Code, Maxi Code, PDF 417, Data Matrix
- ▶ Sleep / Auto-off function
- ▶ Includes Bluetooth™ interface 2563.12.001 installed (paired) for pallet truck scale 9761 and scale terminals 3710, 3720, 3010, 3025, 3035

- ▶ Print speed: 80 mm/s
- ▶ Resolution: 203 dpi (8 dots/mm)
- ▶ Weight (incl. rechargeable battery and paper): 293 g
- ▶ Power supply with charging function, 100/-250 V
- ▶ Rechargeable battery operating time: 8 hours of continuous operation (approx. 10 rolls at a roll diameter of 40 mm per battery charge)
- ▶ Standby: 14 hours
- ▶ Operating temperature: -50° to 50° C
- ▶ Belt loop, charger, software (included in supplied scope)

Order No.:	Configuration	Dimensions mm	Delivery time week
2795.50.001	Mobile receipt printer incl. Bluetooth™ module	79,5 x 126,4 x 43,6	1

Accessories for all printers

Order No.:	Configuration
5751.01.001/004	Print format design / existing print format

18. Precision scales

For small parts and as reference scale

programmable

percent weighing

unit weight determination

reference scale

fully automated

self calibration

dynamic weighing

Precision scale 2873

For accurate unit weight determination

Features

- BlueLINE: extremely contrast-rich blue vacuum-fluorescence display
- Aluminum diecast housing
- Full automated self-calibration, programmable with a 24-hour cycle or when temperature changes occur (SCS)
- Clock with date and time for printing iaw. GLP or calibration warning system
- Functions: Unit counting, percent weighing, net total recipe weighing, dynamic weighing at unsettled locations, animal weighing, density determination, various units of measure, automated reproducibility test (ART)

- Stabilization time: 1 to 1.5 seconds
- USB device and RS 232 / V24 bi-directional interfaces
- Nominal operating temperature: 0°C to 40°C
- Dimensions: 2873.30.001 228 x 381 x 124 mm [W x D x H], 2873.40.001 / 2873.50.001: 228 x 381 x 90 mm [W x D x H]
- Includes power supply: 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
Approvable					
2873.30.001	135 x 135 x 124	**620**	0,001	0,01	1
2873.40.001	200 x 200 x 90	**3.200**	0,01	0,1	1
2873.50.001	200 x 200 x 90	**6.200**	0,1	1	1

Accessories

Order No.:	Configuration
2563.01.014	Interface for connecting to terminal 3020
2550.03.010	Cable for connecting to terminal 3035 (connection via RS 232)

Accessories: Flintec load cells

For floor scales, drive-through scales, and pallet scales

	Order No.: load cell kit	Flintec load cell	For Scale Configuration	Order No. Weighing platform	Platform size mm	Maximum load kg	Division g
Weighing platform 2816	2506.20.001	SLB	Weighing platform 2816, painted	2816.01.001	1.000 x 800 x 80	300	50 | 100
	2506.20.002	SLB	Weighing platform 2816, painted	2816.02.001	1.000 x 800 x 80	600	100 | 200
	2506.20.002	SLB	Weighing platform 2816, painted	2816.12.001	1.250 x 1.000 x 80	600	100 | 200
	2506.20.003	SLB	Weighing platform 2816, painted	2816.13.001	1.250 x 1.000 x 80	1.500	200 | 500
	2506.20.004	SLB	Weighing platform 2816, painted	2816.14.001	1.250 x 1.000 x 80	3.000	500 | 1.000
	2506.20.002	SLB	Weighing platform 2816, painted	2816.22.001	1.500 x 1.250 x 80	600	100 | 200
	2506.20.003	SLB	Weighing platform 2816, painted	2816.23.001	1.500 x 1.250 x 80	1.500	200 | 500
	2506.20.004	SLB	Weighing platform 2816, painted	2816.24.001	1.500 x 1.250 x 80	3.000	500 | 1.000
	2506.20.002	SLB	Weighing platform 2816, painted	2816.72.001	1.500 x 1.500 x 80	600	100 | 200
	2506.20.003	SLB	Weighing platform 2816, painted	2816.73.001	1.500 x 1.500 x 80	1.500	200 | 500
	2506.20.004	SLB	Weighing platform 2816, painted	2816.74.001	1.500 x 1.500 x 80	3.000	500 | 1.000
	2506.20.003	SLB	Weighing platform 2816, painted	2816.33.001	2.000 x 1.500 x 100	1.500	200 | 500
	2506.20.004	SLB	Weighing platform 2816, painted	2816.34.001	2.000 x 1.500 x 100	3.000	500 | 1.000
	2506.20.004	SLB	Weighing platform 2816, painted	2816.54.001	2.000 x 1.500 x 130	3.000	500 | 1.000
Weighing platform 2817	2506.21.001	SB14	Weighing platform 2817, stainless steel	2817.01.001	1.000 x 800 x 80	300	50 | 100
	2506.21.002	SB14	Weighing platform 2817, stainless steel	2817.02.001	1.000 x 800 x 80	600	100 | 200
	2506.21.002	SB14	Weighing platform 2817, stainless steel	2817.12.001	1.250 x 1.000 x 80	600	100 | 200
	2506.21.003	SB14	Weighing platform 2817, stainless steel	2817.13.001	1.250 x 1.000 x 80	1.500	200 | 500
	2506.21.004	SB14	Weighing platform 2817, stainless steel	2817.14.001	1.250 x 1.000 x 80	3.000	500 | 1.000
	2506.21.002	SB14	Weighing platform 2817, stainless steel	2817.22.001	1.500 x 1.250 x 80	600	100 | 200
	2506.21.003	SB14	Weighing platform 2817, stainless steel	2817.23.001	1.500 x 1.250 x 80	1.500	200 | 500
	2506.21.004	SB14	Weighing platform 2817, stainless steel	2817.24.001	1.500 x 1.250 x 80	3.000	500 | 1.000
	2506.21.002	SB14	Weighing platform 2817, stainless steel	2817.72.001	1.500 x 1.500 x 80	600	100 | 200
	2506.21.003	SB14	Weighing platform 2817, stainless steel	2817.73.001	1.500 x 1.500 x 80	1.500	200 | 500
	2506.21.004	SB14	Weighing platform 2817, stainless steel	2817.74.001	1.500 x 1.500 x 80	3.000	500 | 1.000
	2506.21.003	SB14	Weighing platform 2817, stainless steel	2817.33.001	2.000 x 1.500 x 100	1.500	200 | 500
	2506.21.004	SB14	Weighing platform 2817, stainless steel	2817.34.001	2.000 x 1.500 x 100	3.000	500 | 1.000
	2506.21.004	SB14	Weighing platform 2817, stainless steel	2817.54.001	2.000 x 1.500 x 130	3.000	500 | 1.000
Weighing platform 2818	2506.21.001	SB14	Weighing platform 2818, hinged platform	2818.01.001	1.000 x 800 x 80	300	50 | 100
	2506.21.002	SB14	Weighing platform 2818, hinged platform	2818.02.001	1.000 x 800 x 80	600	100 | 200
	2506.21.002	SB14	Weighing platform 2818, hinged platform	2818.12.001	1.250 x 1.000 x 80	600	100 | 200
	2506.21.003	SB14	Weighing platform 2818, hinged platform	2818.13.001	1.250 x 1.000 x 80	1.500	200 | 500
	2506.21.004	SB14	Weighing platform 2818, hinged platform	2818.14.001	1.250 x 1.000 x 80	3.000	500 | 1.000
	2506.21.002	SB14	Weighing platform 2818, hinged platform	2818.22.001	1.500 x 1.250 x 80	600	100 | 200
	2506.21.003	SB14	Weighing platform 2818, hinged platform	2818.23.001	1.500 x 1.250 x 80	1.500	200 | 500
	2506.21.004	SB14	Weighing platform 2818, hinged platform	2818.24.001	1.500 x 1.250 x 80	3.000	500 | 1.000
	2506.21.002	SB14	Weighing platform 2818, hinged platform	2818.72.001	1.500 x 1.500 x 80	600	100 | 200
	2506.21.003	SB14	Weighing platform 2818, hinged platform	2818.73.001	1.500 x 1.500 x 80	1.500	200 | 500
	2506.21.004	SB14	Weighing platform 2818, hinged platform	2818.74.001	1.500 x 1.500 x 80	3.000	500 | 1.000
2814	2506.21.002	SB14	Drive-through scale 2814, stainless steel	2814.01.002	1.000 x 800 x 40	600	100 | 200
	2506.21.003	SB14	Drive-through scale 2814, stainless steel	2814.02.002	1.500 x 1.250 x 50	1.500	200 | 500
	2506.20.002	SLB	Drive-through scale 2814, painted	2814.11.002	1.000 x 800 x 40	600	100 | 200
	2506.20.003	SLB	Drive-through scale 2814, painted	2814.12.002	1.500 x 1.250 x 50	1.500	200 | 500
2815	2506.20.002	SLB	Pallet scale 2815, painted	2815.11.900		600	100 | 200
	2506.20.003	SLB	Pallet scale 2815, painted	2815.12.900		1.500	200 | 500
	2506.20.004	SLB	Pallet scale 2815, painted	2815.13.900		3.000	500 | 1.000
	2506.21.002	SB14	Pallet scale 2815, stainless steel	2815.21.900		600	100 | 200
	2506.21.003	SB14	Pallet scale 2815, stainless steel	2815.22.900		1.500	200 | 500

Senors

Platform load cells   approvable

Shear beam load cells

Parallel circuits   OIML

Double shear beam load cells

steel

Tensile load cells

19. Load cells

Sensors for your application solutions

Category	Identifier	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	_	Material	Protection class	Page
		_	_	_	_	_	_	_	_	_	_	_	_	**kg**										_	**t**			_	**klb**	_			
		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	126
	SEB42		•		•		•	•		•	•		•																			Aluminum, anodized	IP 65	126
	SEB46B											•		•				•														Aluminum, anodized	IP 65	127
	SEB4B										•			•		•		•														Aluminum, anodized	IP 65	127
	SEB4C													•		•	•		•													Aluminum, anodized	IP 65	128
	SEB56A						•		•		•																					steel, stainless	IP 68/69K	128
	SEB56B													•		•				•	•											steel, stainless	IP 68/69K	129
Bending / shear beam load cells SPS	SEB23B														•	•																Aluminum	IP 65	130
	SPS34A																			•	•	•	•	•	•							Steel, nickel-plated	IP 67	131
	SPS34B																				•	•	•									Steel, nickel-plated	IP 67	132
	SPS14																		•		•	•	•									steel, stainless	IP 68	133
	SPS36																									•	•	•				Steel, nickel-plated	IP 67	136
Tensile load cells SPT	SPT63										•			•			•															steel, stainless	IP 67	134
	SPT68																				•	•	•	•								steel, stainless	IP 68	134
Compression load cells SCO	SCO86																										•	•	•			steel, stainless	IP 68	135
Double shear beam load cells SDE	SDE90																													•	•	Steel, nickel-plated	IP 67	135
Not approvable load cells	SEB3	•		•																												Aluminum	IP 54	136
	Set of four SPB5A											•					•															Aluminum	IP 54	136
	Set of four SPB5B								•	•		•					•															Aluminum	IP 54	136

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

19

Approvable load cells

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

Platform load cells SEB, approvable

SEB22

Features

- Anodized aluminum
- Protection class IP 65
- 4 conductors
- Maximum platform dimensions: 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

Features

- Anodized aluminum
- Protection class IP 65
- 6 conductors
- Maximum platform dimensions: 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

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
2508.05.004	Weighing module	7.5 – 50	galvanized steel	469.011.073	2 – 3
2508.05.003	Weighing module	75	galvanized steel	469.011.073	2 – 3

SEB46B

Features

▶ Anodized aluminum
▶ Protection class IP 65
▶ 6 conductors
▶ Maximum platform dimensions: 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
2602.46.003	Weighing module	galvanized steel	470.520.083	1

SEB4B

Features

▶ Anodized aluminum
▶ Protection class IP 65
▶ 6 conductors
▶ Maximum platform dimensions: 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

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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

SEB4C

Features

▶ Anodized aluminum

▶ Protection class IP 65

▶ 6 conductors

▶ Maximum platform dimensions: 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

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

SEB56A

Features

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

Order No.:	Description	Nominal load kg	Accuracy class	Y value	Delivery time week
2600.56.001	SEB56A-10-C3	10	C3	20,000	2 – 3
2600.56.002	SEB56A-20-C3	20	C3	20,000	1
2600.56.003	SEB56A-50-C3	50	C3	20,000	1

SEB56B

Features

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

Order No.:	Description	Nominal load kg	Accuracy class	Y value	Delivery time week
2600.56.004	SEB56B-100-C3-3M	100	C3	20,000	1
2600.56.005	SEB56B-200-C3-3M	200	C3	20,000	1
2600.56.006	SEB56B-400-C3-3M	400	C3	20,000	1
2600.56.007	SEB56B-500-C3-3M	500	C3	20,000	2 – 3

Bending / shear beam load cells, approvable

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

SPS34A

Features

- ▶ Nickel-plated, alloyed steel
- ▶ Protection class IP 67
- ▶ 4 conductors
- ▶ Cable length: 4 m (500 – 2,000 kg) or 6 m (2,500 – 10,000 kg)
- ▶ OIML certification
- ▶ Standard configuration with output current calibration facilitates easy parallel wiring of several load cells
- ▶ See data sheet 470.520.058 for additional details

Order No.:	Description	Nominal load kg	Accuracy class	Y value	Delivery time week
2600.34.001	SPS34A-500-C3	500	C3	10,000	2 – 3
2600.34.002	SPS34A-1000-C3	1,000	C3	10,000	2 – 3
2600.34.004	SPS34A-2000-C3	2,000	C3	10,000	2 – 3
2600.34.007	SPS34A-5000-C3	5,000	C3	10,000	4
2600.34.008	SPS34A-10000-C3	10,000	C3	10,000	4

Accessories

Order No.:	Description	Nominal load kg	Configuration	Data sheet	Delivery time week
2602.34.020	Load base	500 – 2,000	M12 / H = 62 mm	470.520.072	1
2602.34.002	Load base	2,500 – 5,000	M18 x 1,5 / H = 105 mm	470.520.072	1
2602.34.013	Load base	10,000	M24 x 2 / H = 112 mm	470.520.072	2 – 3
2602.14.002	Spacer plate	500 – 2,000	stainless steel	470.520.073	1
2602.34.009	Spacer plate	2,500 – 5,000	steel	470.520.073	1
2602.34.014	Spacer plate	10,000	steel	470.520.073	4
2602.34.019	Weighing module	5,000	galvanized steel	470.520.187	4
2602.34.022	Set of screws for SPS34A-5t (2 M18x70 screws and washers)		Galvanized fin, silver	–	1

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

SPS14

Features

- ▶ Steel, stainless
- ▶ Hermetically sealed, protection class IP 68
- ▶ 6 conductors
- ▶ Cable length: 5 m
- ▶ Standard configuration with output current calibration facilitates easy parallel wiring of several load cells
- ▶ OIML certification
- ▶ See data sheet 470.520.051 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

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

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	ANF

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

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.

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

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
2600.86.001	SCO86-30t-C3	30	C3	12,000	2 – 3
2600.86.002	SCO86-40t-C3	40	C3	12,000	2 – 3
2600.86.003	SCO86-50t-C3	50	C3	12,000	2 – 3

Accessories

Order No.:	Description	Nominal load t	Configuration	Data sheet	Delivery time week
2602.86.001	Self-aligning bearing SCO86	30 – 50	stainless steel	470,520,110	2 – 3

Double-shear beam load cells SDE, approvable

SDE90

Double shear beam load cells SDE, approvable

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
2600.90.003	SDE90-20klb-C3	20 (~9.07)	C3	10,000	2 – 3
2600.90.004	SDE90-30klb-C3	30 (~13.6)	C3	10,000	2 – 3

Accessories

Order No.:	Description	Nominal load klb	Configuration	Data sheet	Delivery time week
2602.90.001	Weighing module	5 – 20	nickel-plated steel	470.520.092	2 – 3
2602.90.002	Weighing module	30 – 75	nickel-plated steel	470.520.092	2 – 3

Not approvable load cells

SEB3
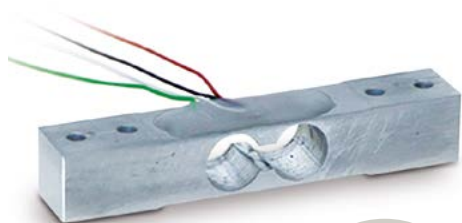
Features

- 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

MADE IN GERMANY

Order No.:	Description	Nominal load kg	Accuracy class	Y value	Delivery time week
2600.00.020	SEB3-2-N2	2	N2	for point loads, no corner calibration	1
2600.00.021	SEB3-5-N2,5	5	N2,5	for point loads, no corner calibration	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	Accuracy class	Delivery time week
2600.02.039	Set of 4 SPB5A	60	N2	1
2600.02.040	Set of 4 SBP5A	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	Accuracy class	Delivery time week
2600.02.066	Set of 4 SPB5B	15	N2	ANF
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-purpose measurement cable

Features

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

Order No.:	Description	Delivery time week
2602.00.001	Special-purpose measurement cable L = 2.4 m, exposed cable ends, pre-fabricated	1
2602.00.002	Special-purpose measurement cable L = 6 m, exposed cable ends, pre-fabricated	1
2602.00.003	Special-purpose measurement cable L = 10 m, exposed cable ends, pre-fabricated	1
2602.00.006	Special-purpose measurement cable (minimum order quantity: 25 M)	1

Terminal box

Order No.:	Description	Dimensions mm	Protection class	Delivery time week
2602.01.014	For connecting 4 load cells (incl. core end ferrules)	160 x 153 x 48	IP 65	1
2602.01.017	For connecting up to 4 load cells (incl. core end ferrules and 2 blind plugs for cable fittings, for connecting two load cells)	176 x 90 x 40	IP 65	1
2516.01.003	Wax pellets 1,000g, white, increases protection class to IP 68 (optional). For grouting the terminal boxes		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

We design analysis electronics for connecting strain-gauge load cells to exactly match your tasks.

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Illustration:
Development system with concentricity for optimizing dynamic weighing and dimensioning applications

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?
▶ Can your problem be solved by custom weighing technology 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.

21. System solutions

Customized for you

Drive-through weighing with conveyor system

Volume measurements

Gravimetric dosing

Checking

Portable scales

Wheel and axle load scale
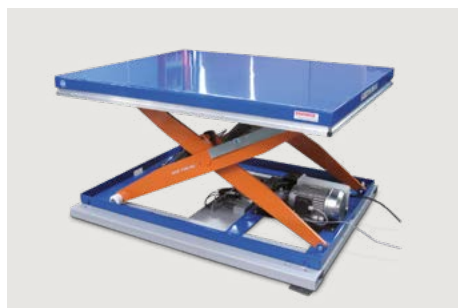
Special weighing platforms / solutions
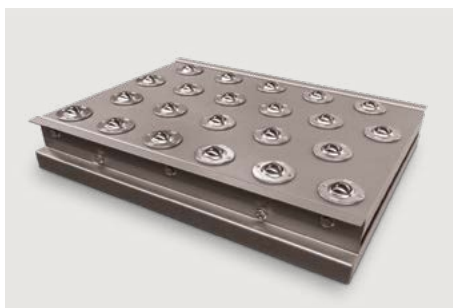
Weighing frames for integration into conveyor systems

Flight baggage scales

Accessories

ATEX zone solutions

IT, Software, and communication solutions

Dynamic weighing scales

For dynamic weighing without belt stop

Dynamic Checkweigher

Soehnle Professional has enhanced its tried-and-tested industrial weighing technology for the special requirements of continuous weighing and has re-certified it with a much finer calibration value. The product range offers from the supply of weighing components to complete solutions with weighing technology, conveying technology, control and volume measurement systems. Your advantage: You get everything from a single source!

Rationalization 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
- Resolution up to 3.200 verifiable digits

- Approved as automatic weighing instrument according to Automatic catch weigher, Automatic check weigher, Automatic weight labeler, Automatic price labeler and Automatic postal scale according to OIML R51-1
- Accuracy class XIII (1) or Y (a); XIIII (2) or Y (b)
- Verification scale interval e ≥ 1 g
- Multi-range scales
- Temperature range - 15°C.... 40°C
- Measuring of the cargo with volume measurement technology and image capture

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 already many examples of solutions available
- Letter weighing
- Volume and weight recording in the cargo and cargo area
- Calculation of freight costs in the logistics area
- Completeness control for prepackages (filling quantity control)
- 100% control e. g. during injection moulding, assembly and packaging processes

Application programs

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

Functionalities
- Specially developed high-resolution filter technology for dynamic weight determination
- Highly-developed scale conveyor for trouble-free and fast weight determination
- Control logic function for separation
- Stop function for overlength parts
- Length measurement

- Speed measurement and monitoring
- Double belt solution for static weighing
- Data concentration for weight values and product identification
- Alibi memory with product identification, subsequent overlapping data backup
- Outputs for pusher when using pass/fail control or classification

Dynamic weighing scales

Communication

- ▶ Flexible integration capability and network connection through different bus or serial interfaces
- ▶ Variable communication options, such as data transmission incl. CRC for external alibi backup

- ▶ XML interface [Customized protocol]

Offer / Options

- ▶ Highly flexible integration capability, 100% adaptable to customer requirements
- ▶ Economical solutions through cost-effective strain gauge weighing technology
- ▶ From the basic version to the complete solution with an individual, modular structure of weighing, conveying and control technology
- ▶ Continuous weigher in painted steel or stainless steel version
- ▶ Infeed and outfeed technology

- ▶ Pusher or tilt band
- ▶ Control cabinet for conveyor control system
- ▶ Vibration elements
- ▶ Barcode capture / RFID
- ▶ Camera for digital images
- ▶ Measuring of the freight units with volumetric measuring technology according to OIML guideline R129

9711.00.001 Checkweigher Medium up to 60 kg

The terminal 3035 and the DMS weighing technology enable robust and inexpensive solutions for continuous weighing.
Special scale conveyor for product transport, with smooth running drive and high-strength construction for precise weighing results even with higher loads.

In legal-for-trade applications as automatic scales SWE or SKW, dynamic or as standstill scales.

The terminal 3035 is equipped with a logic control for separating products that run too close and start/stop weighing.

Applications:
Freight weighing at KEP, completeness check of packaged goods, 100% check for components, automatic weight documentation, sorting out defective products, classification according to weight classes, FPVO

Configuration	Maximum load	Division	Dimensions conveyor belt	Working height	Conveying speed
	kg	g	cm	mm	m/s
Basic version: Steel painted	**60**	20	1.600 x 1.000	800	0,2 - 2
Basic version: Steel painted	**32**	10	1.000 x 600	800	0,2 - 2

Versions:
Individual configuration of weighing range (from 3 kg), division (from 1 g), dimensions of conveyor belt, stainless steel for wet areas

Dynamic weighing scales

9710.00.001 Checkweigher Mini up to 3 kg

Applications:
Letter weight control, Completeness check of packaged goods, 100% control for components, automatic weight documentation, sorting out defective products, Classification according to weight classes.

Configuration	Maximum load kg	Division g	Dimensions conveyor belt cm	Working height mm	Conveying speed m/s
Basic version: Steel painted	**3**	1	600 x 400	800	0,2 - 2
Basic version: Stahl lackiert	**6**	1 | 2	800 x 400	800	0,2 - 2

Versions:
Individual configuration of weighing range, division (from 1 g), dimensions conveyor belt

9715.00.001 Checkweigher Maxi up to 1.500 kg
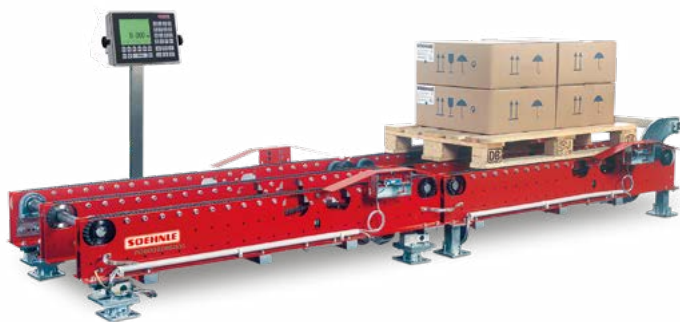
Applications:
Freight weighing, overload control, completeness control of packaged goods, automatic weight documentation, sorting out defective products.

Configuration	Maximum load kg	Division kg	Dimensions conveyor belt cm	Working height mm	Conveying speed m/s
Steel painted	**1.500**	0,5	1.800 x 900	400	0,2

Versions:
Individual configuration of weighing range, division, dimension of conveyor

Volume measurement

Measurement systems for volume reading, combined with weighing technology –
from a simple manual workstation to a fully automated system

Measurement system 9755.51

For manual, static readings
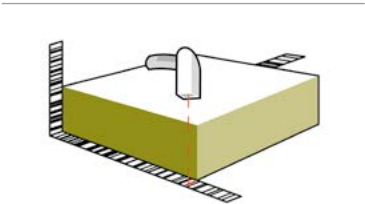
Record dimensions with ease – accurately and quickly

The measurement system 9755.51 provides a manual, cost-effective solution for reading weight and volume of cuboid
packages. The user determines the outside dimensions of the article with a scanner, while the weight is determined by the scale.
The measurement process only takes a few seconds. This allows article master data to be accurately kept up to date.
The integration of secondary data, such as article number or EAN code supersede the manual post-processing of manually collected
article master data. Typing errors are eliminated. The recorded data can be transmitted online to a higher-level IT
system or a printer. The exact, seamless knowledge of article data for warehousing, packaging, and transport can tap into
previously not or inadequately accessible cost-reduction opportunities.

Features

▶ Capturing weight and volume data
▶ Calculation of volume weight
▶ Package dimensions are scanned on the barcode ruler with the barcode
  scanner, also wirelessly (option)
▶ Weight data is approvable, volume data are not approvable
▶ This allows article master data to be accurately kept up to date at all times
▶ Interface for printer or IT

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.: 2795.12.001
▶ IT data cable, Order No.: 2550.03.002

*Find other accessories and options for IT integration and printer solutions
on page 107.*

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

Example measurement system, other measurement and weighing ranges are possible. We will galdly provide you with a quotation.

Measurement system 9755.60

For automated, static readings

The measurement system 9755.60 captures weight and volume data for cuboid packages.

The outside dimensions of the article are automatically determined by a scanner, while the weight is captured by the scale. The measurement process only takes a few seconds. This allows article master data to be accurately kept up to date.

The integration of secondary data, such as article number or EAN code supersede the manual post-processing of manually collected article master data. Typing errors are eliminated. The recorded data can be transmitted online to a higher-level IT or a printer. The exact, seamless knowledge of article data for warehousing, packaging, and transport can tap into previously not or inadequately accessible cost-reduction opportunities.

Features
- ▶ Capturing weight and volume data
- ▶ Accurately measures and reads the outside dimensions and the weight of articles in a user-friendly manner
- ▶ This allows article master data to be accurately kept up to date at all times
- ▶ RS 232 interface for printer or IT
- ▶ Automatically scans package dimensions with ultra-sonic sensors
- ▶ Operator control with display and keyboard

Options (for protection class IP 42)
- ▶ Interface for barcode scanner
- ▶ Barcode scanner connected by cable or wireless

Other options on request.

Order No.:	Volume measurement range	Volume measurement interval	Weight / Maximum load	Weight / Division	Approvable	Irregs
	mm	mm	kg	kg		
9755.60.001	600 x 600 x 900	2	**50**	0,02	Yes	No
9755.60.002	600 x 750 x 900	5	**25**	0,002	No	Yes
9755.60.003	1.200 x 1.000 x 1.000	5	**60**	0,05	Yes	No

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

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

Gravimetric 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 – basic dosing line 3010
Basic solution for a dosing task with rough and precision stream, including automated lag optimization: A base terminal 3010 with I/O card is sufficient to implement 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.

Gravimetric 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

Checking

For partially and fully automated processes

- Control functions are also provided by terminals 3035, 3010, 3720 and 3710
- 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. The patient weight can be determined even for ambulance-based emergency medical applications using the gurney carriage in the ambulance.

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

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
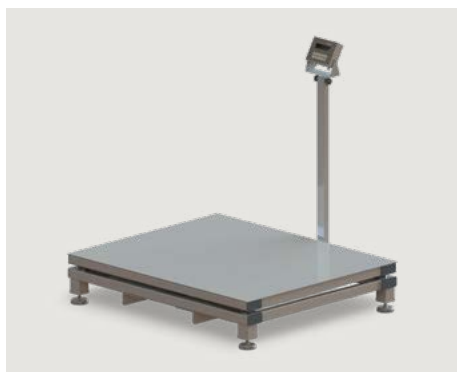
Floor scale with transportation frame for forklifts or pallet trucks

Patient scale in the ambulance

Stainless steel scale with mobile frame and display stand

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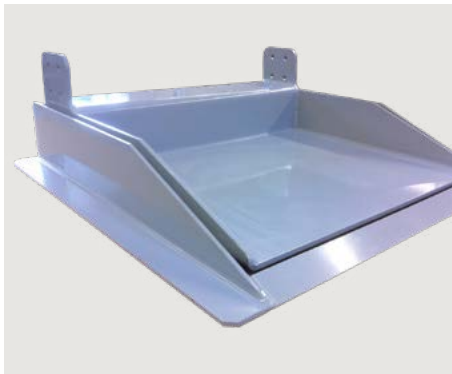
Gas bottle scale, extremely robust, with integrated ramp
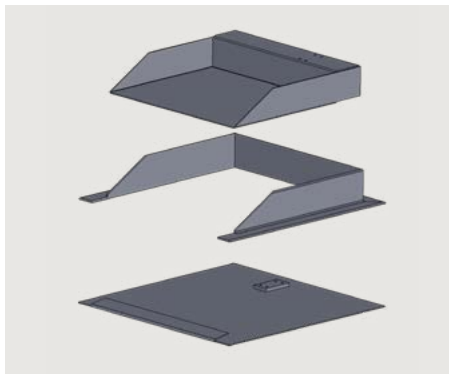
Structure of gas bottle scale
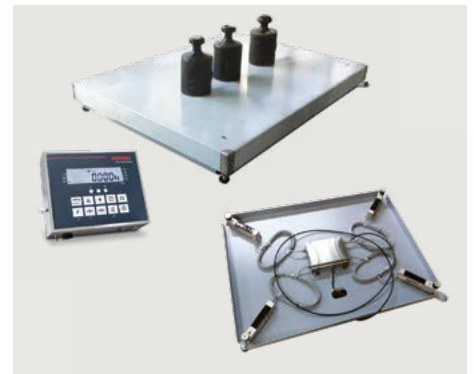
Weighing platform 2894.00 for large platforms with high resolution
Weighing platform 800 x 600 mm platform size and an approvable maximum load of 15 kg.
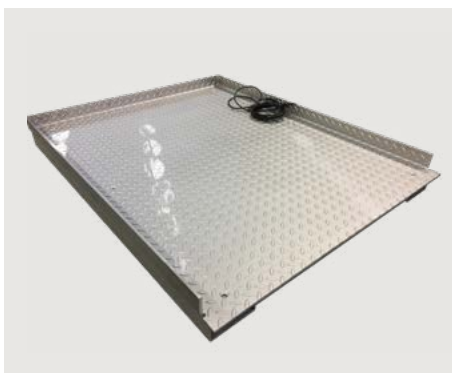
Stainless steel scale with drive-over protection for roller containers

Heating housing for scales operation in deep-freeze warehouses

Pallet scale for different pallet sizes
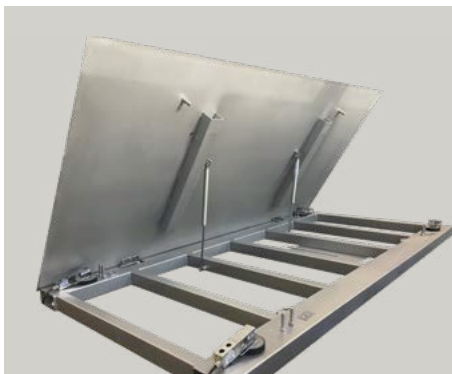
Stainless steel scale hinged in special dimensions

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

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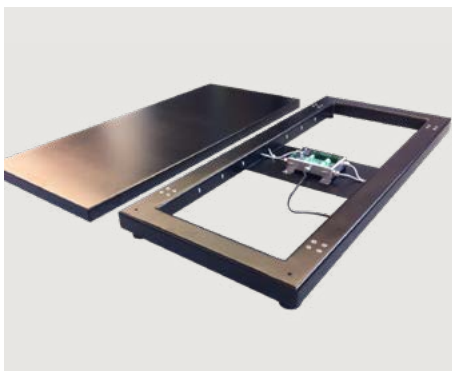
Base frame with weighing platform
Special dimensions, long and narrow, for perfect integration into a worktable.

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.

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
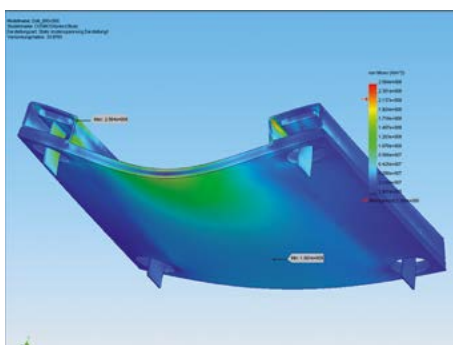
Finite element modeling

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 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

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Weighing frames 2819.40

Cost-effective solution consisting of one load frame, also for sizes up to 2.000 mm

Weighing frame 2819.40
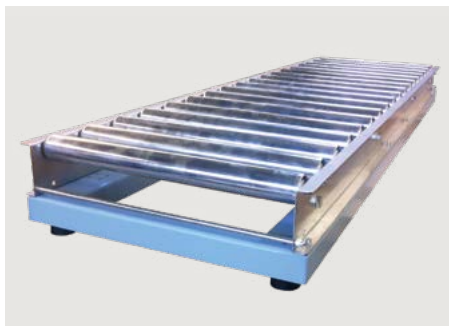
Weighing frame 2819.40 mounted gravity roller conveyor
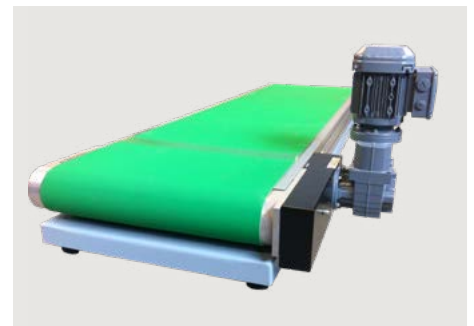
Weighing frame 2819.40 with belt conveyor

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
- ▶ EU approval ex works

# 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
▶ EU approval ex works
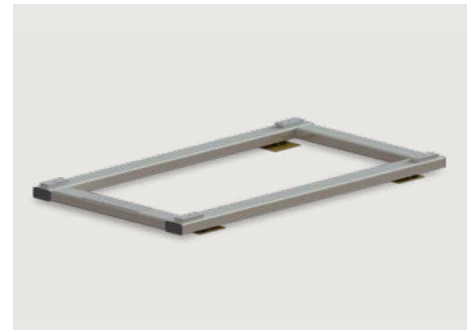
Weighing frames 2812
▶ Profile tube frame, painted steel
▶ Dimensions available from 1.000 x 1.000 mm up to more than 5,000 mm
▶ Overall height from 95 mm and up with top-welded plates
▶ Weighing ranges up to 6 t
▶ 4 or 6 load cells integrated in the tube
▶ Top-welded plates for mounting onto conveyor system, mounting points based on customer specifications
▶ Painted RAL 7001 or other
▶ Including conveyor system, base frame, floor mounting on request
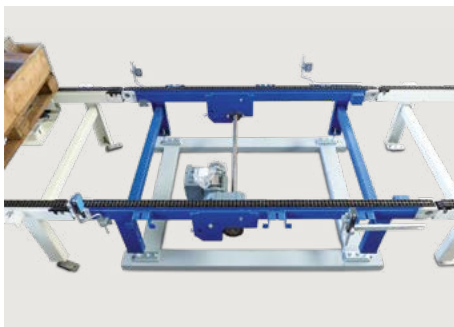▶ System can be calibrated and approved ex works

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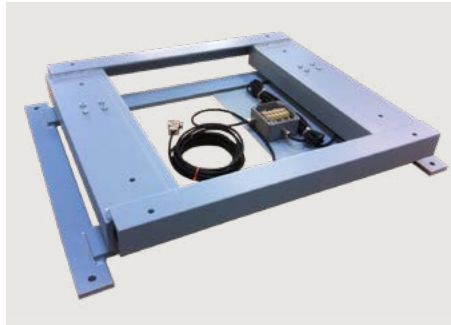
Weighing frame 2819.00 with customer-specific mounting points
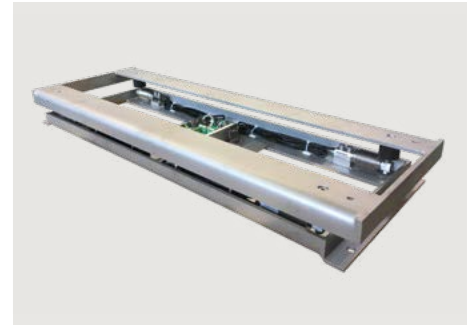
Weighing frame 2819.00 stainless steel
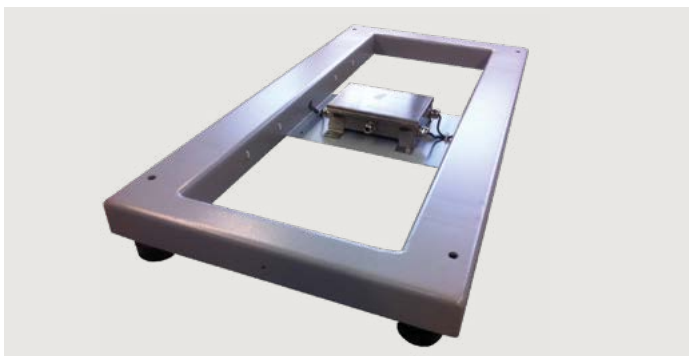

Weighing frame 2812 with top-mounted chain conveyor

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

▶ 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

Weighing Technology Airport - Check-in

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.
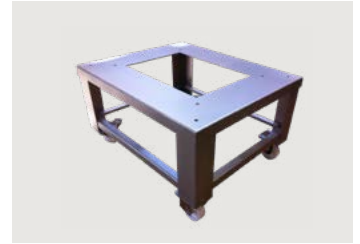

Base frame painted with rollers and flange-mounted stand, height-adjustable

Base frame, painted

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

Base frame stainless steel, mobile

Scales for use in EX areas

EX 2/22

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

EX 1/21

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

WLAN

Wireless connection of scales to a network, transmission of weighing and identification data. Particularly suitable for scales in mobile use.

WLAN box for connection to serial interface, with economical power consumption optimal also for battery-powered systems.

IT, Software, and communication solutions

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
Integration of a database memory into the terminal 3035 for the Creation of up to 5000 setpoints.

Balance scale
The balance scale system consists of two individual weighing platforms with one measuring point each. The two weighing platforms are independent from each other and can transmit the individual weight to the 3035 terminal. The weight values from weighing platform 1 and weighing platform 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.

Statistic-based checking
The software features a modified check value memory with 2 tolerance thresholds. The check function can also process 2 thresholds. The I/O module also receives the new tolerance thresholds as an output signal. The print format output receives a print format code that represents the current tolerance status during the check. Several counters are used for the statistics function: pass, TU2, TU1, TO1, TO2.
Furthermore start date and end date (+ time) of the statistic, and the total of the pass net values. These values are also included in the printing format as printing code. A new printing format "Lot End" is introduced,
The statistic memory is entered and calculated with the print key or the print condition "Scale standstill over empty message".
Note: The software does not meet all requirements of the pre-packaging directive.

Barcode Filter
The barcode content can be separated and 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 3030 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 105.

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 jobs one after the other. A pause can be taken after each job.

SOEHNLE

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