

PARCEL SCALES/PLATFORM SCALES



PROFESSIONAL MEASURING

2021



KERN Pictograms

 Internal adjusting: Quick setting up of the balance's accuracy with internal adjusting weight (motordriven)	 KERN Communication Protocol (KCP): It is a standardized interface command set for KERN balances and other instruments, which allows retrieving and controlling all relevant parameters and functions of the device. KERN devices featuring KCP are thus easily integrated with computers, industrial controllers and other digital systems	 Battery operation: Ready for battery operation. The battery type is specified for each device
 Adjusting program CAL: For quick setting up of the balance's accuracy. External adjusting weight required		 Rechargeable battery pack: Rechargeable set
 Easy Touch: Suitable for the connection, data transmission and control through PC, tablet or smartphone. For details see page 131	 GLP/ISO log: The balance displays serial number, user ID, weight, date and time, regardless of a printer connection	 Universal mains adapter: with universal input and optional input socket adapters for A) EU, CH, GB B) EU, CH, GB, USA C) EU, CH, GB, USA, AUS
 Memory: Balance memory capacity, e.g. for article data, weighing data, tare weights, PLU etc.	 GLP/ISO log: With weight, date and time. Only with KERN printers, see page 170–172	 Mains adapter: 230V/50Hz in standard version for EU, CH. On request GB, USA or AUS version available
 Alibi memory: Secure, electronic archiving of weighing results, complying with the 2014/31/EU standard. For details see page 223	 Piece counting: Reference quantities selectable. Display can be switched from piece to weight	 Power supply: Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, USA or AUS on request
 Data interface RS-232: To connect the balance to a printer, PC or network	 Recipe level A: The weights of the recipe ingredients can be added together and the total weight of the recipe can be printed out	 Weighing principle: Strain gauges Electrical resistor on an elastic deforming body
 RS-485 data interface: To connect the balance to a printer, PC or other peripherals. Suitable for data transfer over large distances. Network in bus topology is possible	 Recipe level B: Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display	 Weighing principle: Tuning fork A resonating body is electromagnetically excited, causing it to oscillate
 USB data interface: To connect the balance to a printer, PC or other peripherals	 Totalising level A: The weights of similar items can be added together and the total can be printed out	 Weighing principle: Electromagnetic force compensation Coil inside a permanent magnet. For the most accurate weighings
 Bluetooth* data interface: To transfer data from the balance to a printer, PC or other peripherals	 Percentage determination: Determining the deviation in % from the target value (100 %)	 Weighing principle: Single cell technology: Advanced version of the force compensation principle with the highest level of precision
 WiFi data interface: To transfer data from the balance to a printer, PC or other peripherals	 Weighing units: Can be switched to e.g. nonmetric units at the touch of a key. See balance model. Please refer to KERN's website for more details	 Verification possible: The time required for verification is specified in the pictogram
 Control outputs (optocoupler, digital I/O): To connect relays, signal lamps, valves, etc.	 Weighing with tolerance range: (Checkweighing) Upper and lower limiting can be programmed individually, e.g. for sorting and dosing. The process is supported by an audible or visual signal, see the relevant model	 DAkKS calibration possible (DKD): The time required for DAkKS calibration is shown in days in the pictogram
 Analogue interface: to connect a suitable peripheral device for analogue processing of the measurements	 Hold function: (Animal weighing program) When the weighing conditions are unstable, a stable weight is calculated as an average value	 Factory calibration (ISO): The time required for Factory calibration is shown in days in the pictogram
 Interface for second balance: For direct connection of a second balance	 Protection against dust and water splashes IPxx: The type of protection is shown in the pictogram. For details see page 58	 Package shipment: The time required for internal shipping preparations is shown in days in the pictogram
 Network interface: For connecting the scale to an Ethernet network	 Suspended weighing: Load support with hook on the underside of the balance	 Pallet shipment: The time required for internal shipping preparations is shown in days in the pictogram

*The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by KERN & SOHN GmbH is under license. Other trademarks and trade names are those of their respective owners.

KERN – measuring technology and testing services from a single source



Balances & Test service catalogue

Provides a complete overview of the KERN line of balances, test weights, and services such as verification, calibration, etc.



Medical scales catalogue

Complete line of medical scales, from infant scales to patient scales, chair scales and adiposity scales, as well as hand grip dynamometers, chemist's balances and veterinary scales.



Microscopes & refractometers catalogue

Extensive range in the area of optical instruments, such as, biological microscopes, stereo microscopes, metallurgical microscopes, polarisation microscopes as well as analogue and digital refractometers.



SAUTER measuring equipment catalogue

Test instruments for industry and commerce, such as force, coating thickness, material thickness and calibration service.



DAkkS calibration service brochure

Detailed information on topics pertaining to the calibration and verification of balances, test weights, and force measuring devices.

Your advantages

fast

- 24 hours delivery service for products in stock – ordered today, on its way tomorrow
- Sales & service hotline available from 8:00 am to 6:00 pm

reliable

- Up to 3 years warranty
- Precision in weighing technology for more than 175 years

competent

- DAkkS accreditation DIN EN ISO/IEC 17025
- Certified QM system DIN EN ISO 9001
- Authorisation for initial verification by the manufacturer 2014/31/EU
- Medical certifications DIN EN ISO 13485 and 93/42/EWG

versatile

- One-stop shopping: from pocket balances through to 12 t crane balance – everything from one supplier
- Find the product you want at lightning speed with the “Balance Quick-Finder” at www.kern-sohn.com



Order hotline
+49 7433 9933-0



Online Shop
www.kern-sohn.com



Service hotline
+49 7433 9933-199



E-mail order
info@kern-sohn.com



Calibration hotline
+49 7433 9933-196



Fax order
+49 7433 9933-146



Our team of consultants will assist you
from Monday to Friday
from 8:00 am to 6:00 pm



www.kern-sohn.com

Information on current product availability, product data sheets, user instructions, useful knowledge, technical glossary, images and much for you to download, practical topic areas, which will guide you to the right product in your industry as well as a clever test weight and balance search engine.

Parcel scales/Platform scales

Here you'll find a complete summary of the KERN platform scales series and their positioning within the platform scales segment on the basis of application, price-performance ratio and functional volume

Precision platform scales

		★★★★
		★★★
		★★
		★



STAINLESS STEEL PLATFORM SCALES

► Page 71	SXS	► Page 72	★★★★
SFB			★★★
			★★
			★



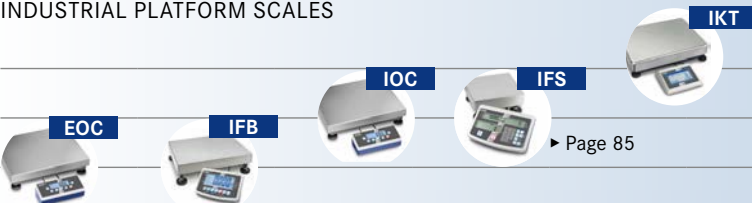
PLATFORM SCALES WITH STAINLESS STEEL DISPLAY

		★★★★
		★★★
		★★
		★



INDUSTRIAL PLATFORM SCALES

				IKT	★★★★
EOC	IFB	IOC	IFS	► Page 85	★★★
					★★
					★



PARCEL SCALES

		DE	★★★★
EOE	EOB	EOS	★★★
			★★
			★



KERN IOC

Page 102

- Industry 4.0: A wide range of (optional) data interfaces allows that it is easy to transfer weighing data
- Practical dual-range scale – high precision paired with large weighing capacities
- Protected against water splashes through IP65 rating

from €
295,-



Quick-Finder Parcel scales/Platform scales

Readability [d] g	Weighing capacity [Max] kg	Weighing plate W×D×H mm	Model KERN	Price excl. of VAT ex works €	Page										
For an explanation on the pictos, see front flap															
0,01	3	228×228×95	DS 3K0.01S	640,-	104	1		●		●		●			○
0,01	3	228×228×95	IKT 3K0.01S	920,-	108	1		●	●	●		●			○
0,05	5	228×228×95	DS 5K0.05S	560,-	104	1		●		●		●			○
0,05	8	308×318×75	DS 8K0.05	550,-	104	1		●		●		●			○
0,05	8	318×308×75	IKT 8K0.05	850,-	108	1		●	●	●		●			○
0,1	3	230×230×110	IFB 3K-4	350,-	103	1		●		●	●	●	●		○
0,1	6	315×308×75	IKT 6K0.1	830,-	108	1		●	●	●		●			○
0,1	10	228×228×95	DS 10K0.1S	530,-	104	1		●		●		●			○
0,1	16	315×308×75	DS 16K0.1	550,-	104	1		●		●		●			○
0,1	16	318×308×75	IKT 16K0.1	850,-	108	1		●	●	●		●			○
0,1	20	308×318×75	DS 20K0.1	580,-	104	1		●		●		●			○
0,1	30	308×318×75	DS 30K0.1	610,-	104	1		●		●		●			○
0,1	30	450×350×115	DS 30K0.1L	720,-	104	1		●		●		●			○
0,1	30	318×308×75	IKT 30K0.1	850,-	108	1		●	●	●		●			○
0,1	30	450×350×115	IKT 30K0.1L	1150,-	108	1		●	●	●		●			○
0,2	6	230×230×110	IFB 6K-4S	340,-	103	1		●		●	●	●	●		○
0,2	6	300×240×110	IFB 6K-4	350,-	103	1		●		●	●	●	●		○
0,2	6	300×240×86	IXS 6K-4	520,-	106	1		●		○		●	●		○
0,2	12	318×308×75	IKT 12K0.2	830,-	108	1		●	●	●		●			○
0,2	36	308×318×75	DS 36K0.2	550,-	104	1		●		●		●			○
0,2	36	450×350×115	DS 36K0.2L	660,-	104	1		●		●		●			○
0,2	36	318×308×75	IKT 36K0.2	850,-	108	1		●	●	●		●			○
0,2	36	450×350×115	IKT 36K0.2L	1050,-	108	1		●	●	●		●			○
0,2	60	450×350×115	DS 60K0.2	740,-	104	1		●		●		●			○
0,2	60	450×350×115	IKT 60K0.2L	1120,-	108	1		●	●	●		●			○
0,2 0,5	6 15	318×308×88	DE 15K0.2D	335,-	98	1		●		●		●	●	●	○
0,2 0,5	6 15	300×300×110	EOC 10K-4	310,-	100	1		●		●	●	●	●		○
0,5	6	318×308×75	DE 6K0.5A	215,-	98	1		●		●		●	●	●	○
0,5	6	300×300×110	EOC 6K-4A	290,-	100	1		●		●	●	●	●		○
0,5	15	300×240×110	IFB 10K-4	340,-	103	1		●		●	●	●	●		○
0,5	15	400×300×128	IFB 10K-4L	390,-	103	1		●		●	●	●	●		○
0,5	15	300×240×86	IXS 10K-4	520,-	106	1		●		○		●	●		○
0,5	15	400×300×89	IXS 10K-4L	590,-	106	1		●		○		●	●		○
0,5	30	318×308×75	IKT 30K0.5	830,-	108	1		●	●	●		●			○
0,5	65	450×350×115	DS 65K0.5	700,-	104	1		●		●		●			○
0,5	65	450×350×115	IKT 65K0.5L	1050,-	108	1		●	●	●		●			○
0,5	100	450×350×115	DS 100K0.5	740,-	104	1		●		●		●			○
0,5	100	450×350×115	IKT 100K0.5L	1150,-	108	1		●	●	●		●			○
0,5 1	15 35	318×308×88	DE 35K0.5D	335,-	98	1		●		●		●	●	●	○
0,5 1	15 35	300×300×110	EOC 30K-4S	310,-	100	1		●		●	●	●	●		○
0,5 1	15 35	500×400×120	EOC 30K-4	340,-	100	1		●		●	●	●	●		○
1	12	318×308×75	DE 12K1A	215,-	98	1		●		●		●	●	●	○
1	12	300×300×110	EOC 10K-3A	290,-	100	1		●		●	●	●	●		○
1	30	400×300×128	IFB 30K-3	390,-	103	1		●		●	●	●	●		○
1	30	400×300×89	IXS 30K-3	590,-	106	1		●		○		●	●		○
1	30	500×400×123	IXS 30K-3L	720,-	106	1		●		○		●	●		○
1	60	450×350×115	IKT 60K1L	1050,-	108	1		●	●	●		●			○
1	150	450×350×115	DS 150K1	740,-	104	1		●		●		●			○
1	150	450×350×115	IKT 150K1L	1150,-	108	1		●	●	●		●			○
1 2	3 6	318×308×75	DE 6K1D	185,-	98	1		●		●		●	●	●	○
1 2	3 6	300×300×110	EOC 6K-3	270,-	100	1		●		●	●	●	●		○
1 2	3 6	300×300×110	IOC 6K-3M	320,-	102	1	○	●	○	●	●	●	●		○
1 2	3 6	300×240×110	IFB 6K1DM	335,-	103	1	○	●		●	●	●	●		○
1 2	3 6	230×230×110	IFB 6K-3SM	350,-	103	1	○	●		●	●	●	●		○
1 2	3 6	300×240×86	IXS 6K-3M	520,-	106	1	○	●		○		●	●		○
1 2	30 60	318×308×88	DE 60K1D	335,-	98	1		●		●		●	●	●	○
1 2	30 60	522×406×98	DE 60K1DL	435,-	98	1		●		●		●	●	●	○
1 2	30 60	300×300×110	EOC 60K-3	310,-	100	1		●		●	●	●	●		○
1 2	30 60	500×400×120	EOC 60K-3L	340,-	100	1		●		●	●	●	●		○
2	6	300×240×110	SFE 6K-3NM	370,-	105	1	○	●		●		●			○
2	24	318×308×75	DE 24K2A	215,-	98	1		●		●		●	●	●	○
2	24	300×300×110	EOC 20K-3A	290,-	100	1		●		●	●	●	●		○
2	60	400×300×128	IFB 60K-3	390,-	103	1		●		●	●	●	●		○
2	60	500×400×130	IFB 60K-3L	490,-	103	1		●		●	●	●	●		○
2	60	400×300×89	IXS 60K-3	590,-	106	1		●		○		●	●		○
2	60	500×400×123	IXS 60K-3L	720,-	106	1		●		○		●	●		○
2	150	650×500×142	IKT 150K2XL	1200,-	108	1		●	●	●		●			○
2 5	6 15	318×308×75	DE 15K2D	185,-	98	1		●		●		●	●	●	○
2 5	6 12	300×300×110	EOC 10K-3	270,-	100	1		●		●	●	●	●		○
2 5	6 15	300×240×110	IOC 10K-3M	295,-	102	1	○	●	○	●	●	●	●		○

* Shipment via freight forwarder. Please ask for dimensions, gross weight, shipping costs

● = standard ○ = option

Quick-Finder Parcel scales/Platform scales

Readability [d] g	Weighing capacity [Max] kg	Weighing plate W×D×H mm	Model KERN	Price excl. of VAT ex works €	Page	 DAYS									
For an explanation on the pictos, see front flap															
2 5	6 15	400×300×110	IOC 10K-3LM	360,-	102	1	○	●	○	●	●	●	●		○
2 5	6 15	300×240×110	IFB 15K2DM	335,-	103	1	○	●		●	●	●	●		○
2 5	6 15	400×300×128	IFB 15K2DLM	400,-	103	1	○	●		●	●	●	●		○
2 5	6 15	300×240×86	IXS 10K-3M	530,-	106	1	○	●		○		●	●		○
2 5	6 15	400×300×89	IXS 10K-3LM	590,-	106	1	○	●		○		●	●		○
2 5	60 150	318×308×88	DE 150K2D	340,-	98	1		●		●		●	●	●	○
2 5	60 150	522×406×98	DE 150K2DL	435,-	98	1		●		●		●	●	●	○
2 5	60 150	300×300×110	EOC 100K-3	310,-	100	1		●		●		●	●		○
2 5	60 150	500×400×120	EOC 100K-3L	340,-	100	1		●		●		●	●		○
5	15	315×305×57	EOE 10K-3	135,-	95	1		●						●	
5	15	315×305×57	EOB 15K5	152,-	96	1		●						●	
5	15	300×240×110	SFE 10K-3NM	360,-	105	1	○	●					●		●
5	15	400×300×130	SFE 10K-3LNM	420,-	105	1	○	●					●		●
5	60	318×308×75	DE 60K5A	215,-	98	1		●		●		●	●	●	○
5	60	300×300×110	EOC 60K-3A	290,-	100	1		●		●		●	●		○
5	150	500×400×130	IFB 100K-3	490,-	103	1		●		●		●	●		○
5	150	650×500×142	IFB 100K-3L	690,-	103	1		●		●		●	●		○
5	150	500×400×123	IXS 100K-3	720,-	106	1		●		○		●	●		○
5	150	650×500×133,5	IXS 100K-3L	790,-	106	2*		●		○		●	●		○
5	300	650×500×142	IKT 300K5XL	1200,-	108	1		●		●		●	●		○
5 10	15 35	318×308×75	DE 35K5D	185,-	98	1		●		●		●	●	●	○
5 10	15 35	522×403×83	DE 35K5DL	315,-	98	1		●		●		●	●	●	○
5 10	15 35	300×300×110	EOC 30K-3	280,-	100	1		●		●		●	●		○
5 10	15 35	500×400×120	EOC 30K-3L	330,-	100	1		●		●		●	●		○
5 10	15 30	400×300×110	IOC 30K-3M	360,-	102	1	○	●	○	●		●	●		○
5 10	15 30	400×300×128	IFB 30K5DM	390,-	103	1	○	●		●		●	●		○
5 10	15 30	400×300×89	IXS 30K-2M	590,-	106	1	○	●		○		●	●		○
5 10	15 30	500×400×123	IXS 30K-2LM	720,-	106	1	○	●		○		●	●		○
5 10	150 300	522×406×98	DE 300K5DL	435,-	98	1		●		●		●	●	●	○
5 10	150 300	500×400×120	EOC 300K-3	340,-	100	1		●		●		●	●		○
10	30	300×240×110	SFE 30K-2NM	360,-	105	1	○	●					●		●
10	35	315×305×57	EOE 30K-2	135,-	95	1		●						●	
10	35	315×305×57	EOB 35K10	152,-	96	1		●						●	
10	120	318×308×75	DE 120K10A	215,-	98	1		●		●		●	●	●	○
10	120	500×400×120	EOC 100K-2A	330,-	100	1		●		●		●	●		○
10	300	650×500×142	IFB 300K-2	690,-	103	1		●		●		●	●		○
10	300	650×500×133,5	IXS 300K-2	790,-	106	2*		●		○		●	●		○
10 20	30 60	318×308×75	DE 60K10D	185,-	98	1		●		●		●	●	●	○
10 20	30 60	522×403×83	DE 60K10DL	315,-	98	1		●		●		●	●	●	○
10 20	30 60	300×300×110	EOC 60K-2	280,-	100	1		●		●		●	●		○
10 20	30 60	500×400×120	EOC 60K-2L	330,-	100	1		●		●		●	●		○
10 20	30 60	400×300×110	IOC 60K-2M	370,-	102	1	○	●	○	●		●	●		○
10 20	30 60	500×400×120	IOC 60K-2LM	465,-	102	1	○	●	○	●		●	●		○
10 20	30 60	400×300×128	IFB 60K10DM	410,-	103	1	○	●		●		●	●		○
10 20	30 60	500×400×130	IFB 60K10DLM	510,-	103	1	○	●		●		●	●		○
10 20	30 60	400×300×89	IXS 60K-2M	590,-	106	1	○	●		○		●	●		○
10 20	30 60	500×400×123	IXS 60K-2LM	720,-	106	1	○	●		○		●	●		○
20	60	315×305×57	EOE 60K-2	135,-	95	1		●						●	
20	60	550×550×58	EOE 60K-2L	270,-	95	1		●						●	
20	60	315×305×57	EOB 60K20	152,-	96	1		●						●	
20	60	550×550×58	EOB 60K20L	330,-	96	1		●						●	
20	60	400×300×130	SFE 60K-2NM	410,-	105	1	○	●					●		●
20	60	500×400×140	SFE 60K-2LNM	520,-	105	1	○	●					●		●
20	600	800×600×200	IFB 600K-2	790,-	103	2*		●		●		●	●		○
20 50	60 150	318×308×75	DE 150K20D	195,-	98	1		●		●		●	●	●	○
20 50	60 150	522×403×83	DE 150K20DL	315,-	98	1		●		●		●	●	●	○
20 50	60 150	650×500×89	DE 150K20DXL	450,-	98	1		●		●		●	●	●	○
20 50	60 150	300×300×110	EOC 100K-2	280,-	100	1		●		●		●	●		○
20 50	60 150	500×400×120	EOC 100K-2L	330,-	100	1		●		●		●	●		○
20 50	60 150	600×500×150	EOC 100K-2XL	470,-	100	1		●		●		●	●		○
20 50	60 150	950×500×60	EOC 100K-2XXL	490,-	100	1		●		●		●	●		○
20 50	60 150	500×400×120	IOC 100K-2M	465,-	102	1	○	●	○	●		●	●		○
20 50	60 150	650×500×150	IOC 100K-2LM	620,-	102	1	○	●	○	●		●	●		○
20 50	60 150	500×400×130	IFB 150K20DM	495,-	103	1	○	●		●		●	●		○
20 50	60 150	650×500×142	IFB 150K20DLM	660,-	103	1	○	●		●		●	●		○
20 50	60 150	500×400×123	IXS 100K-2M	720,-	106	1	○	●		○		●	●		○
20 50	60 150	650×500×133,5	IXS 100K-2LM	800,-	106	2*	○	●		○		●	●		○
50	150	315×305×57	EOE 100K-2	135,-	95	1		●						●	
50	150	550×550×58	EOE 150K50L	270,-	95	1		●						●	
50	150	950×500×58	EOE 150K50XL	310,-	95	1		●						●	

* Shipment via freight forwarder. Please ask for dimensions, gross weight, shipping costs

● = standard ○ = option

Quick-Finder Parcel scales/Platform scales

Readability [d] g	Weighing capacity [Max] kg	Weighing plate W×D×H mm	Model KERN	Price excl. of VAT ex works €	Page										
For an explanation on the pictos, see front flap															
50	150	315×305×57	EOB 150K50	152,-	96	1		●						●	
50	150	550×550×58	EOB 150K50L	330,-	96	1		●						●	
50	150	950×500×58	EOB 150K50XL	400,-	96	1		●						●	
50	150	950×500×58	EOS 150K50XL	395,-	97	1		●						●	
50	150	400×300×130	SFE 100K-2NM	430,-	105	1	○	●					●		●
50	150	500×400×140	SFE 100K-2LNM	520,-	105	1	○	●					●		●
50	150	650×500×140	SFE 100K-2XLNM	660,-	105	1	○	●					●		●
50 100	150 300	522×403×83	DE 300K50D	315,-	98	1		●		●		●	●	●	○
50 100	150 300	650×500×95	DE 300K50DL	450,-	98	1		●		●		●	●	●	○
50 100	150 300	500×400×120	EOC 300K-2	330,-	100	1		●		●	●	●	●		○
50 100	150 300	600×500×150	EOC 300K-2L	470,-	100	1		●		●	●	●	●		○
50 100	150 300	650×500×150	IOC 300K-2M	650,-	102	1	○	●	○	●	●	●	●		○
50 100	150 300	650×500×142	IFB 300K50DM	670,-	103	1	○	●		●	●	●	●		○
50 100	150 300	650×500×133,5	IXS 300K-2M	800,-	106	2*	○	●		●	●	●	●		○
100	300	315×305×57	EOE 300K100	135,-	95	1		●						●	
100	300	550×550×58	EOE 300K100L	270,-	95	1		●						●	
100	300	950×500×58	EOE 300K100XL	310,-	95	1		●						●	
100	300	315×305×57	EOB 300K100A	152,-	96	1		●						●	
100	300	550×550×58	EOB 300K100L	330,-	96	1		●						●	
100	300	950×500×58	EOB 300K100XL	400,-	96	1		●						●	
100	300	950×500×58	EOS 300K100XL	395,-	97	1		●						●	
100	300	650×500×140	SFE 300K-1LNM	660,-	105	1	○	●					●		●
100 200	300 600	800×600×200	IOC 600K-1M	790,-	102	2*	○	●	○	●	●	●	●		○
100 200	300 600	800×600×200	IFB 600K-1M	930,-	103	2*	○	●		●	●	●	●		○

* Shipment via freight forwarder. Please ask for dimensions, gross weight, shipping costs

● = standard ○ = option



Parcel scales with big platform for fast and easy weighing in the office, production, dispatch etc.

Features

- High mobility: thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations
- Wall mount for display device, standard
- Hold function: When the weighing conditions are unstable, a stable weight is calculated determining an average value

Technical data

- Large LCD display, digit height 25 mm
- Weighing plate dimensions, steel, painted W×D×H
 - A** 315×305×57 mm
 - B** 550×550×58 mm
 - C** 550×550×58 mm
- Dimensions of display device W×D×H 235×114×51 mm
- Optional battery operation, 4×1.5 V AA not included in scope of delivery, operating time up to 100 h
- Permissible ambient temperature 5 °C/35 °C

Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERN EOB-A04BS05, **€ 40,-**
- Stand to elevate display device Column height approx. 480 mm KERN EOB-A01N, **€ 50,-**
- Stand to elevate display device, height of stand approx. 1000 mm, can be reordered, KERN EOB-A02B, **€ 80,-**
- External universal mains adapter, with universal input and optional input socket adapters for EU, GB, USA, KERN YKA-16, **€ 40,-**

STANDARD



OPTION



Model KERN	Weighing capacity [Max] kg	Readability [d] g	Reproducibility g	Weighing plate	Net weight approx. kg	Cable length approx. m	Price excl. of VAT ex works €	Option	
								DAKKS Calibr. Certificate	
								DAKKS KERN	€
EOE 10K-3	15	5	5	A	4,0	1,8	135,-	963-128	94,-
EOE 30K-2	35	10	10	A	4,0	1,8	135,-	963-128	94,-
EOE 60K-2	60	20	20	A	3,8	1,8	135,-	963-129	116,-
EOE 60K-2L	60	20	20	B	14	2,7	270,-	963-129	116,-
EOE 100K-2	150	50	50	A	4	1,8	135,-	963-129	116,-
EOE 150K50L	150	50	50	B	14	2,7	270,-	963-129	116,-
EOE 150K50XL	150	50	50	C	18	2,7	310,-	963-129	116,-
EOE 300K100	300	100	100	A	3,6	1,8	135,-	963-129	116,-
EOE 300K100L	300	100	100	B	14	2,7	270,-	963-129	116,-
EOE 300K100XL	300	100	100	C	18	2,7	310,-	963-129	116,-



Allround parcel scale with robust stainless steel weighing plate
– also with XL platform and large weighing ranges

Features

- Weighing plate stainless steel, painted steel base
- Simple and convenient 4-key operation
- Wall mount for display device, standard
- Hold function: When the weighing conditions are unstable, a stable weight is calculated determining an average value
- Protective working cover included with delivery
- Universal external mains adapter included with delivery

Technical data

- Large LCD display, digit height 25 mm
- Weighing plate dimensions, stainless steel W×D×H
 - A 315×305×57 mm
 - B 550×550×58 mm, see larger picture
 - C 950×500×58 mm
- Dimensions of display device W×D×H 235×114×51 mm
- Cable length of display device approx. 1,8 m
- Optional battery operation, 4×1.5 V AA not included in scope of delivery, operating time up to 60 h
- Permissible ambient temperature 5 °C/35 °C

Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERN EOB-A04BS05, **€ 40,-**
- 1 Stand to elevate display device, height of stand approx. 1000 mm, can be reordered, KERN EOB-A02B, **€ 80,-**
- 2 Stand to elevate display device Column height approx. 480 mm, KERN EOB-A01N, **€ 50,-**
- Non-slip rubber mat W×D×H 945×505×5 mm, KERN EOE-A01, **€ 45,-**

10

STANDARD

CAL EXT

UNIT

MOVE

BATT

MULTI

DMS

1 DAY

OPTION

DAKKS

+3 DAYS

Model	Weighing capacity [Max] kg	Readability [d] g	Reproducibility g	Linearity g	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Option	
								DAKkS Calibr. Certificate	
								DAKkS KERN	€
KERN									
EOB 15K5	15	5	5	± 10	3,8	A	152,-	963-128	94,-
EOB 35K10	35	10	10	± 20	3,8	A	152,-	963-128	94,-
EOB 60K20	60	20	20	± 40	3,8	A	152,-	963-129	116,-
EOB 60K20L	60	20	20	± 40	15	B	330,-	963-129	116,-
EOB 150K50	150	50	50	± 100	3,8	A	152,-	963-129	116,-
EOB 150K50L	150	50	50	± 100	11	B	330,-	963-129	116,-
EOB 150K50XL	150	50	50	± 100	17	C	400,-	963-129	116,-
EOB 300K100A	300	100	100	± 200	4,6	A	152,-	963-129	116,-
EOB 300K100L	300	100	100	± 200	14	B	330,-	963-129	116,-
EOB 300K100XL	300	100	100	± 200	19	C	400,-	963-129	116,-



Heavy duty parcel and veterinary platform scale with extra large stainless steel weighing plate

Features

- Weighing plate stainless steel, painted steel base
- Simple and convenient 4-key operation
- Wall mount for display device, standard
- Hold function: When the weighing conditions are unstable, a stable weight is calculated determining an average value: The scale can be easily transported using rollers and a handle and does not require much storage space
- Protective working cover included with delivery: Non-slip rubber mat included with delivery
- Universal external mains adapter included with delivery

Technical data

- Large LCD display, digit height 25 mm
- **A** Weighing plate dimensions, stainless steel W×D×H, 950×500×58 mm
- Dimensions of display device W×D×H 235×114×51 mm
- Cable length of display device approx. 2,7 m
- Optional battery operation, 4×1.5 V AA not included in scope of delivery, operating time up to 60 h
- Permissible ambient temperature 5 °C/35 °C

Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERN EOB-A04BS05, **€ 40,-**
- Stand to elevate display device, height of stand approx. 1000 mm, can be reordered, KERN EOB-A02B, **€ 80,-**
- Non-slip rubber mat W×D×H 900×550×5 mm, KERN EOS-A01, **€ 35,-**

10

STANDARD

CAL EXT

UNIT

MOVE

BATT

MULTI

DMS

1 DAY

OPTION

DAKkS

+3 DAYS

Model	Weighing capacity [Max] kg	Readability [d] g	Reproducibility g	Linearity g	Net weight approx. kg	Price excl. of VAT ex works €	Option	
							DAKkS Calibr. Certificate	
KERN							DAKkS KERN	€
EOS 150K50XL	150	50	50	± 100	17	395,-	963-129	116,-
EOS 300K100XL	300	100	100	± 200	17	395,-	963-129	116,-



10

The long lasting story of success with dust and spray protected display device



Piece counting



Animal weighing



Recipe-weighing



Features

- High mobility: thanks to battery operation/ rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations (production, warehouse, dispatch department etc.)
- Display device flexible positioning e. g. free-standing or screwed to the wall
- **1** Display device: Plastics, protection against dust and water splashes IP65
- Weighing plate stainless steel, painted steel base
- PRE-TARE function for manual subtraction of a known container weight, useful for checking fill-levels
- With the recipe function you can weigh the different ingredients of a mixture. As a check, you can also call up the total weight of all the ingredients
- Freely programmable weighing unit, e.g. display direct in special units such as length of thread g/m, paper weight g/m², or similar

- Protective working cover included with delivery

Technical data

- Large backlit LCD display, digit height 25 mm
- Weighing plate dimensions, stainless steel W×D×H
 - A** 318×308×75 mm
 - B** 318×308×88 mm
 - C** 522×406×98 mm, see larger picture
 - D** 522×403×83 mm
 - E** 650×500×89 mm
- Dimensions of display device, W×D×H 225×110×45 mm
- Optional battery operation, 9 V block not included in scope of delivery, operating time up to 12 h
- Permissible ambient temperature 5 °C/35 °C

Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERN DE-A12S05, **€ 40,-**
- Internal rechargeable battery pack, operating time up to 30 h without backlight, charging time approx. 10 h, KERN NDE-A02, **€ 50,-**
- Mount to fasten the display device to the platform, for models with weighing plate size **B**, **C**, can be reordered, KERN DE-A11N, **€ 35,-**
- Wall mount for display device, KERN DE-A13, **€ 30,-**
- **2** Stand to elevate display device, height of stand approx. 480 mm, can be reordered, KERN DE-A10, **€ 100,-**
- Individual header data: the free software SHM-01 can be used to print header lines on the printout when using printers YKN-01 and YKB-01N
- Further details, plenty of further accessories and suitable printers see *Accessories*

STANDARD



OPTION



Model	Weighing capacity [Max] kg	Readability [d] g	Reproducibility g	Linearity g	Smallest part weight [Normal] g/piece	Cable length approx. m	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Option	
										DAkkS Calibr. Certificate	
										DAkkS KERN	€
KERN											
Dual-range balance switches automatically to the next largest weighing capacity [Max] and readability [d]											
DE 6K1D	3 6	1 2	1 2	± 3 6	40	1,4	4,8	A	185,-	963-128	94,-
DE 15K2D	6 15	2 5	2 5	± 6 15	100	1,4	4,8	A	185,-	963-128	94,-
DE 35K5D	15 35	5 10	5 10	± 15 30	100	1,4	4,8	A	185,-	963-128	94,-
DE 35K5DL	15 35	5 10	5 10	± 15 30	100	1,4	16	D	315,-	963-128	94,-
DE 60K10D	30 60	10 20	10 20	± 30 60	200	1,4	4,8	A	185,-	963-129	116,-
DE 60K10DL	30 60	10 20	10 20	± 30 60	200	1,4	16	D	315,-	963-129	116,-
DE 150K20D	60 150	20 50	20 50	± 60 150	400	1,5	5	A	195,-	963-129	116,-
DE 150K20DL	60 150	20 50	20 50	± 60 150	400	1,5	16	D	315,-	963-129	116,-
DE 150K20DXL	60 150	20 50	20 50	± 60 150	400	1,4	28	E	450,-	963-129	116,-
DE 300K50D	150 300	50 100	50 100	± 150 300	2000	1,25	16	D	315,-	963-129	116,-
DE 300K50DL	150 300	50 100	50 100	± 150 300	2000	1,05	28	E	450,-	963-129	116,-
DE 6K0.5A	6	0,5	0,5	± 1,5	10	1,4	4,8	A	215,-	963-128	94,-
DE 12K1A	12	1	1	± 3	20	1,4	4,8	A	215,-	963-128	94,-
DE 24K2A	24	2	2	± 6	40	1,4	4,8	A	215,-	963-128	94,-
DE 60K5A	60	5	5	± 15	100	1,4	4,8	A	215,-	963-129	116,-
DE 120K10A	120	10	10	± 30	200	1,4	5,0	A	215,-	963-129	116,-
Dual-range balance with high resolution readability											
DE 15K0.2D	6 15	0,2 0,5	0,2 0,5	± 0,8 2	4	1	4	B	335,-	963-128	94,-
DE 35K0.5D	15 35	0,5 1	0,5 1	± 2 4	10	1	7	B	335,-	963-128	94,-
DE 60K1D	30 60	1 2	1 2	± 4 8	20	1,47	7	B	335,-	963-129	116,-
DE 60K1DL	30 60	1 2	1 2	± 4 8	20	1,4	15	C	435,-	963-129	116,-
DE 150K2D	60 150	2 5	2 5	± 8 20	40	1,6	7	B	340,-	963-129	116,-
DE 150K2DL	60 150	2 5	2 5	± 8 20	40	1,4	15	C	435,-	963-129	116,-
DE 300K5DL	150 300	5 10	5 10	± 20 40	100	1,4	15	C	435,-	963-129	116,-



10

Robust and high-resolution platform scale with practical Flip/Flop display device for greatest ease of use



Weighing instead of counting!
Because the counting function is so easy to use, you can rapidly record large numbers of small parts – which saves time and money

Practical Flip/Flop display device: flexible positioning e.g. free-standing or screwed to the wall (optional). By rotating the upper housing shell you can determine the angle of the display as well as the cable outlet.

Factory Option ex works for an additional cost, delivery time + 2 working days, KERN KIB-M01, see Accessories on the right, please indicate when placing your order



Features

- High mobility: thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations (laboratory, production, quality control, commissioning etc.)
- **1** Platform: weighing plate stainless steel, painted steel base, silicone-coated aluminium load cell, protection against dust and water splashes IP65. Level indicator and levelling feet for precise levelling of the scale, fitted as standard, to give the most accurate weighing result
- Weighing with tolerance range (checkweighing): a visual and audible signal helps with portioning, dispensing or grading
- Hold function: When the weighing conditions are unstable, a stable weight is calculated determining an average value
- Benchtop stand incl. wall mount for display device as standard
- Protective working cover included with delivery

- Searching and remote control of the balance using external control devices or computers with the KERN Communication Protocol (KCP). KCP is a standardised interface command structure for KERN balances and other instruments which allows you to recall and manage all relevant parameters and device functions. You can therefore simply connect KERN devices with KCP to computers, industrial control systems and other digital systems. In a large number of cases the KCP is compatible with the MT-SICS protocol.

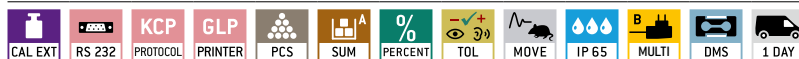
Technical data

- Large backlit LCD display, digit height 25 mm
- Weighing plate dimensions W×D×H
 - A** 300×300×110 mm
 - B** 500×400×120 mm, see larger picture
 - C** 600×500×150 mm
 - D** 950×500×60 mm
- Dimensions of display device W×D×H 268×115×80 mm
- Permissible ambient temperature -10 °C/40 °C

Accessories

- Protective working cover, scope of delivery: 5 items, KERN EOC-A01S05, **€ 40,-**
- Internal rechargeable battery pack, operating time up to 43 h without backlight, charging time approx. 3 h, KERN KFB-A01, **€ 35,-**
- **2** Stand to elevate display device, height of stand approx. 330 mm, KERN EOC-A05, **€ 60,-**
- **3** Mount to fasten the display device to the platform, KERN EOC-A03, **€ 30,-**
- Benchtop stand incl. wall mount for display device, KERN EOC-A04, **€ 30,-**
- Conversion of the display device, to move the cable outlet to the front of the display device, ideal e.g. for subsequent wall installation of the display device (standard configuration ex works: rear outlet), Factory Option, delivery time + 2 working days, KERN KIB-M01, **€ 95,-**

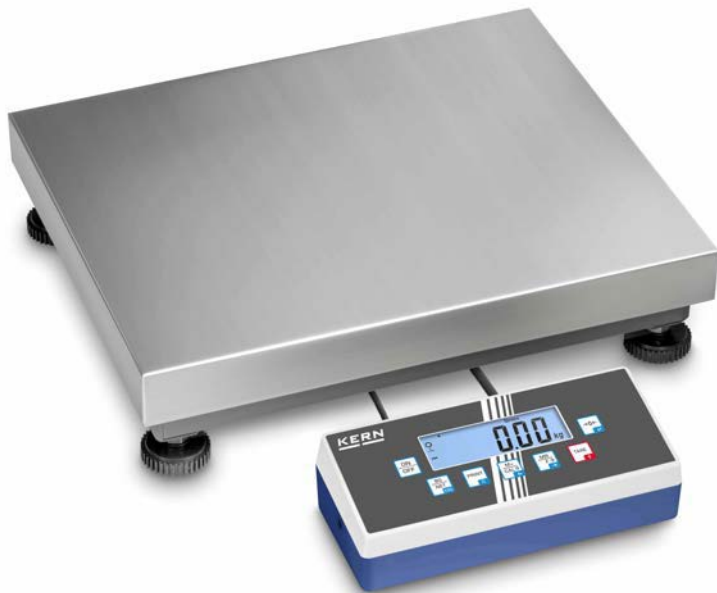
STANDARD



OPTION



Model	Weighing capacity [Max] kg	Readability [d] g	Smallest part weight [Normal] g/piece	Cable length approx. m	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Option	
								DAKKS Calibr. Certificate	
KERN								DAKKS KERN	€
EOC 6K-3	3 6	1 2	2,5	3	6	A	270,-	963-128	94,-
EOC 10K-3	6 12	2 5	5	3	7	A	270,-	963-128	94,-
EOC 30K-3	15 35	5 10	10	3	6	A	280,-	963-128	94,-
EOC 30K-3L	15 35	5 10	10	3	9	B	330,-	963-128	94,-
EOC 60K-2	30 60	10 20	20	3	6	A	280,-	963-129	116,-
EOC 60K-2L	30 60	10 20	20	3	9	B	330,-	963-129	116,-
EOC 100K-2	60 150	20 50	50	3	6	A	280,-	963-129	116,-
EOC 100K-2L	60 150	20 50	50	3	9	B	330,-	963-129	116,-
EOC 100K-2XL	60 150	20 50	50	3	19	C	470,-	963-129	116,-
EOC 100K-2XXL	60 150	20 50	100	0,7 - 2,7	26	D	490,-	963-129	116,-
EOC 300K-2	150 300	50 100	100	3	9	B	330,-	963-129	116,-
EOC 300K-2L	150 300	50 100	100	3	19	C	470,-	963-129	116,-
Dual-range balance switches automatically to the next largest weighing capacity [Max] and readability [d]									
EOC 6K-4A	6	0,5	2,5	3	6	A	290,-	963-128	94,-
EOC 10K-3A	12	1	5	3	7	A	290,-	963-128	94,-
EOC 20K-3A	24	2	10	3	6	A	290,-	963-128	94,-
EOC 60K-3A	60	5	20	3	6	A	290,-	963-129	116,-
EOC 100K-2A	120	10	50	3	9	B	330,-	963-129	116,-
EOC 10K-4	6 15	0,2 0,5	5	3	7	A	310,-	963-128	94,-
EOC 30K-4S	15 35	0,5 1	10	3	9	A	310,-	963-128	94,-
EOC 30K-4	15 35	0,5 1	10	3	9	B	340,-	963-128	94,-
EOC 60K-3	30 60	1 2	20	3	6	A	310,-	963-129	116,-
EOC 60K-3L	30 60	1 2	20	3	9	B	340,-	963-129	116,-
EOC 100K-3	60 150	2 5	50	3	7	A	310,-	963-129	116,-
EOC 100K-3L	60 150	2 5	50	3	9	B	340,-	963-129	116,-
EOC 300K-3	150 300	5 10	100	3	9	B	340,-	963-129	116,-



Allround platform scale with a wide range of communication options and EC type approval [M]

Features

- Industry 4.0: A wide range of (optional) data interfaces allows that it is easy to transfer weighing data to tablets, laptops, PCs, networks, Smartphones, printers, etc.
- High mobility: thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations (laboratory, production, quality control, commissioning etc.)
- Platform: weighing plate stainless steel, painted steel base, silicone-coated aluminium load cell, protection against dust and water splashes IP65
- Level indicator and levelling feet for precise levelling of the scale, fitted as standard, to give the most accurate weighing result
- Searching and remote control of the balance using external control devices or computers with the KERN Communication Protocol (KCP). KCP is a standardised interface command structure for KERN balances and other instruments which allows you to recall and manage all relevant parameters and device functions. You can therefore simply connect KERN devices with KCP to computers,

industrial control systems and other digital systems. In a large number of cases the KCP is compatible with the MT-SICS protocol.

Technical data

- Large LCD display, digit height 25 mm
- Weighing plate dimensions W×D×H
 - A 300×240×110 mm
 - B 300×300×110 mm
 - C 400×300×110 mm
 - D 500×400×120 mm, see larger picture
 - E 650×500×150 mm
 - F 800×600×200 mm
- Dimensions of display device W×D×H 268×115×80 mm
- Permissible ambient temperature -10 °C/40 °C

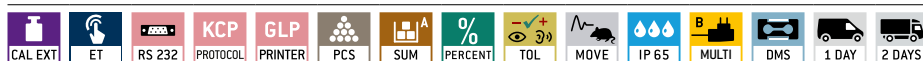
Accessories

- Protective working cover, scope of delivery: 5 items, KERN EOC-A01S05, € 40,-
- Stand to elevate display device, height of stand approx. 330 mm, KERN EOC-A05, € 60,-
- Mount to fasten the display device to the platform, can be retrofitted, KERN EOC-A03, € 30,-

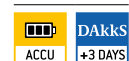


- 2 Benchtop stand incl. wall mount for display device, KERN EOC-A04, € 30,-
- Internal rechargeable battery pack, operating time up to 26 h with backlight, charging time approx. 3 h, KERN KFB-A01, € 35,-
- USB data interface, for transferring weighing to the PC, printer etc., KERN KIB-A03, € 120,-
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, not possible in combination with verification, KERN KIB-A04, € 110,-
- WiFi interface for wireless connection of the balance to networks and WiFi capable devices, such as tablets, laptops or smartphones, continuous data transfer, must be ordered at purchase, KERN KIB-A10, € 120,-
- Ethernet data interface, to connect an IP-based Ethernet network, continuous data transfer, must be ordered at purchase, KERN KIB-A02, € 150,-
- Alibi memory, including USB interface for exporting weighing results to external data storage media, such as, for example, USB sticks, hard drives, etc., KERN KIB-A01, € 150,-
- Signal lamp, including interface, for visual support of weighing with tolerance range, must be ordered at purchase, KERN KIB-A06, € 370,-
- Verification plug, for verified balances this enables you to separate the display device and platform without affecting the verification, e.g. for installing the scale in a packing and dispatch table, pit frame etc. at a later date. Please order this at the same time as you purchase your scale, KERN KIB-A12, € 150,-
- Conversion of the display device, to move the cable outlet to the front of the display device, ideal e.g. for subsequent wall installation of the display device (standard configuration ex works: rear outlet), Factory Option, delivery time + 2 working days, KERN KIB-M01, € 95,-
- Note: In addition to the RS 232 data interface integrated as standard, only one further data interface can be fitted and operated

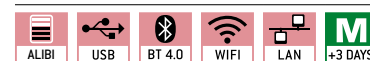
STANDARD



OPTION



FACTORY



Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Weighing plate	Price excl. of VAT ex works €	Option			
							Verification	€	DAkkS Calibr. Certificate	€
KERN							KERN		DAkkS KERN	
IOC 6K-3M	3 6	1 2	1 2	20 40	B	320,-	965-228	70,-	963-128	94,-
IOC 10K-3M	6 15	2 5	2 5	40 100	A	295,-	965-228	70,-	963-128	94,-
IOC 10K-3LM	6 15	2 5	2 5	40 100	C	360,-	965-228	70,-	963-128	94,-
IOC 30K-3M	15 30	5 10	5 10	100 200	C	360,-	965-228	70,-	963-128	94,-
IOC 60K-2M	30 60	10 20	10 20	200 400	C	370,-	965-229	93,-	963-129	116,-
IOC 60K-2LM	30 60	10 20	10 20	200 400	D	465,-	965-229	93,-	963-129	116,-
IOC 100K-2M	60 150	20 50	20 50	400 1000	D	465,-	965-229	93,-	963-129	116,-
IOC 100K-2LM	60 150	20 50	20 50	400 1000	E	620,-	965-229	93,-	963-129	116,-
IOC 300K-2M	150 300	50 100	50 100	1000 2000	E	650,-	965-229	93,-	963-129	116,-
IOC 600K-1M	300 600	100 200	100 200	2000 4000	F	790,-	965-230	132,-	963-130	165,-

* Verification not in combination with KERN KIB-A02, KIB-A03, KIB-A04, KIB-A10

Price reduction



Accessories

- Protective working cover, scope of delivery: 5 items, KERN KFB-A02S05, **€ 40,-**
- Stand to elevate display device, for models with weighing plate size
A–**B**: Height of stand approx. 330 mm, KERN IFB-A01, **€ 50,-**
D, **E**, **F**: Height of stand approx. 600 mm, KERN IFB-A02, **€ 60,-**
A–**F**: Height of stand approx. 800 mm, Stand to elevate display device Column KERN BFS-A07, **€ 120,-**
- **3** Internal rechargeable battery pack, operating time up to 35 h, without backlight, charging time approx. 12 h, must be ordered at purchase, KERN KFB-A01, **€ 35,-**
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, not in combination with verification, KERN KFB-A03, **€ 130,-**
- Analogue module, must be ordered at purchase, not possible in combination with signal lamp 0–10 V: KERN KFB-A04, **€ 95,-**
4–20 mA: KERN KFB-A05, **€ 95,-**
- Signal lamp for visual support of weighing with tolerance range, only in combination with, KERN CFS-A03, **€ 250,-**
- Y-cable for parallel connection of two terminal devices to the RS-232 interface on the scale, e.g. signal lamp and printer, KERN CFS-A04, **€ 35,-**

High-resolution industrial scale in heavy version with EC type approval [M], now also up to [Max] 600 kg

Features

- Tough industry standard suitable for use in harsh industrial applications
- **1** Platform: weighing plate stainless steel, painted steel base, silicone-coated aluminium load cell, protection against dust and water splashes IP65
- Benchtop stand incl. wall mount for display device as standard
- Protective working cover included with delivery

Technical data

- Large backlit LCD display, digit height 52 mm
- Weighing plate dimensions, stainless steel W×D×H
A 230×230×110 mm, **B** 300×240×110 mm
C 400×300×128 mm, **D** 500×400×130 mm
E 650×500×142 mm, **F** 800×600×200 mm
- Dimensions of display device W×D×H 230×230×360 mm
- Cable length of display device approx. 3 m
- Permissible ambient temperature -10 °C/40 °C

STANDARD



OPTION

FACTORY



Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Option			
								Verification		DAkks Calibr. Certificate	
KERN								M KERN	€	DAkks KERN	€
IFB 3K-4	3	0,1	-	-	4,6	A	350,-	-	-	963-127	78,-
IFB 6K-4S	6	0,2	-	-	4,6	A	340,-	-	-	963-128	94,-
IFB 6K-4	6	0,2	-	-	5	B	350,-	-	-	963-128	94,-
IFB 10K-4	15	0,5	-	-	5	B	340,-	-	-	963-128	94,-
IFB 10K-4L	15	0,5	-	-	8	C	390,-	-	-	963-128	94,-
IFB 30K-3	30	1	-	-	8	C	390,-	-	-	963-128	94,-
IFB 60K-3	60	2	-	-	8	C	390,-	-	-	963-129	116,-
IFB 60K-3L	60	2	-	-	11	D	490,-	-	-	963-129	116,-
IFB 100K-3	150	5	-	-	11	D	490,-	-	-	963-129	116,-
IFB 100K-3L	150	5	-	-	20	E	690,-	-	-	963-129	116,-
IFB 300K-2	300	10	-	-	20	E	690,-	-	-	963-129	116,-
IFB 600K-2	600	20	-	-	44	F	790,-	-	-	963-130	165,-
Dual-range balance switches automatically to the next largest weighing capacity [Max] and readability [d]											
IFB 6K-3SM	3 6	1 2	1 2	20 40	4,6	A	350,-	965-228	70,-	963-128	94,-
IFB 6K1DM	3 6	1 2	1 2	20 40	5	B	335,-	965-228	70,-	963-128	94,-
IFB 15K2DM	6 15	2 5	2 5	40 100	5	B	335,-	965-228	70,-	963-128	94,-
IFB 15K2DLM	6 15	2 5	2 5	40 100	8	C	400,-	965-228	70,-	963-128	94,-
IFB 30K5DM	15 30	5 10	5 10	100 200	8	C	390,-	965-228	70,-	963-128	94,-
IFB 60K10DM	30 60	10 20	10 20	200 400	8	C	410,-	965-229	93,-	963-129	116,-
IFB 60K10DLM	30 60	10 20	10 20	200 400	11	D	510,-	965-229	93,-	963-129	116,-
IFB 150K20DM	60 150	20 50	20 50	400 1000	11	D	495,-	965-229	93,-	963-129	116,-
IFB 150K20DLM	60 150	20 50	20 50	400 1000	20	E	660,-	965-229	93,-	963-129	116,-
IFB 300K50DM	150 300	50 100	50 100	1000 2000	20	E	670,-	965-229	93,-	963-129	116,-
IFB 600K-1M	300 600	100 200	100 200	2000 4000	44	F	930,-	965-230	132,-	963-130	165,-

Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible.

Verification at the factory, we need to know the full address of the location of use.

Price reduction



Precision industrial scale with laboratory accuracy

Features

- High-capacity precision balance, ideal for high volume or heavy samples to be weighed with a high degree of accuracy
- User guidance step by step on display by Yes/No dialogue
- Numerical subtraction of tare weight for known container weight. Useful for checking fill-levels
- Precise counting: The automatic reference weight optimisation of reference weight gradually improves the average piece weight value
- Freely programmable weighing unit, e.g. display direct in special units such as length of wire g/m, surface weight g/m², or else
- Protective working cover included with delivery

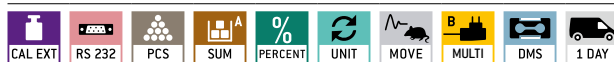
Technical data

- Large backlit LCD display, digit height 18 mm
- Weighing plate dimensions, stainless steel W×D×H
 - A** 228×228×95 mm
 - B** 308×318×75 mm, see larger picture
 - C** 450×350×115 mm
- Dimensions of display device W×D×H 225×115×60 mm
- Cable length of display device approx.
 - A, B** 2 m
 - C** 0,6 m
- Permissible ambient temperature 10 °C/40 °C

Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERN DE-A12S05, **€ 40,-**
- **1** Stand to elevate display device, height of stand approx. 480 mm for models with weighing plate size **B, C**, can be reordered, KERN DE-A10, **€ 100,-**
- Mount to fasten the display device to the platform, for models with weighing plate size **B, C**, can be reordered, KERN DE-A11N, **€ 35,-**
- Wall mount for display device, KERN DS-A02, **€ 30,-**
- **2** Set for underfloor weighing, consists of platform, bow, hook, only for models with weighing plate **B**, KERN DS-A01, **€ 200,-**
- Rechargeable battery pack external, operating time up to 30 h without backlight, charging time approx. 10 h, KERN KS-A01, **€ 160,-**
- Internal rechargeable battery pack, operating time up to 30 h without backlight, charging time approx. 10 h, KERN KB-A01N, **€ 50,-**
- Further details, plenty of further accessories and suitable printers see Accessories

STANDARD



OPTION



Model	Weighing capacity [Max] kg	Readability [d] g	Smallest part weight [Normal] g/piece	Net weight approx. kg	Resolution Points	Weighing plate	Price excl. of VAT ex works €	Option	
								DAKKS Calibr. Certificate	
KERN								DAKKS KERN	€
DS 3K0.01S	3	0,01	0,1	4,2	300.000	A	640,-	963-127	78,-
DS 5K0.05S	5	0,05	0,5	4,2	100.000	A	560,-	963-127	78,-
DS 8K0.05	8	0,05	0,5	8	160.000	B	550,-	963-128	94,-
DS 10K0.1S	10	0,1	1	4,2	100.000	A	530,-	963-128	94,-
DS 16K0.1	16	0,1	1	9	160.000	B	550,-	963-128	94,-
DS 20K0.1	20	0,1	1	8	200.000	B	580,-	963-128	94,-
DS 30K0.1	30	0,1	1	8	300.000	B	610,-	963-128	94,-
DS 30K0.1L	30	0,1	1	10	300.000	C	720,-	963-128	94,-
DS 36K0.2	36	0,2	2	8	180.000	B	550,-	963-128	94,-
DS 36K0.2L	36	0,2	2	10	180.000	C	660,-	963-128	94,-
DS 60K0.2	60	0,2	2	10	300.000	C	740,-	963-129	116,-
DS 65K0.5	65	0,5	5	10	130.000	C	700,-	963-129	116,-
DS 100K0.5	100	0,5	5	10	200.000	C	740,-	963-129	116,-
DS 150K1	150	1	10	10	150.000	C	740,-	963-129	116,-



Platform scale with dust and spray protection IP65 and EC type approval [M]

Features

- Platform scale protected to IP65 with stainless steel display device, for industrial applications, hygienic and easy to clean
- 1** Platform: weighing plate stainless steel, painted steel base, silicone-coated aluminium load cell, protection against dust and water splashes IP65
- Display device: Stainless steel, protection against dust and water splashes IP65, flexible positioning, e.g. free-standing or mounted to the wall, for details see KERN KFE-TM
- Weighing with tolerance range (checkweighing): a visual and audible signal helps with portioning, dispensing or grading
- Hold function: When the weighing conditions are unstable, a stable weight is calculated determining an average value

- PRE-TARE function for manual subtraction of a known container weight, useful for checking fill-levels, (only for non-verified models)

Technical data

- Large backlit LCD display, digit height 22 mm
- Weighing plate dimensions, stainless steel W×D×H
 - A** 300×240×110 mm, see larger picture
 - B** 400×300×130 mm
 - C** 500×400×140 mm
 - D** 650×500×140 mm
- Dimensions of display device W×D×H 195×120×70 mm
- Cable length of display device approx. 3 m
- Internal rechargeable battery pack, operating time up to 35 h without backlight, charging time approx. 12 h
- Permissible ambient temperature -10 °C/40 °C

Accessories

- Stand to elevate display device, for models with weighing plate size
 - A-D**: Height of stand approx. 200 mm, Type **2**, KERN SFE-A01, **€ 55,-**
 - B-D**: Height of stand approx. 400 mm, Type **2**, KERN SFE-A02, **€ 55,-**
 - C-D**: Height of stand approx. 600 mm, Type **3**, KERN SFE-A03, **€ 65,-**
- Tare pan made from stainless steel. Ideal for weighing loose small parts, fruit, vegetables, etc., KERN RFS-A02, **€ 55,-**

STANDARD

CAL EXT

SUM

TOL

MOVE

IP 65

ACCU

MULTI

DMS

1 DAY

OPTION

DAkkS

+3 DAYS

FACTORY

M

+3 DAYS

Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Option			
								Verification		DAkkS Calibr. Certificate	
								KERN	€	DAkkS KERN	€
KERN											
SFE 6K-3NM	6	2	2	40	6	A	370,-	965-228	70,-	963-128	94,-
SFE 10K-3NM	15	5	5	100	6	A	360,-	965-228	70,-	963-128	94,-
SFE 10K-3LNM	15	5	5	100	8	B	420,-	965-228	70,-	963-128	94,-
SFE 30K-2NM	30	10	10	200	6	A	360,-	965-228	70,-	963-128	94,-
SFE 60K-2NM	60	20	20	400	8	B	410,-	965-229	93,-	963-129	116,-
SFE 60K-2LNM	60	20	20	400	12	C	520,-	965-229	93,-	963-129	116,-
SFE 100K-2NM	150	50	50	1000	8	B	430,-	965-229	93,-	963-129	116,-
SFE 100K-2LNM	150	50	50	1000	12	C	520,-	965-229	93,-	963-129	116,-
SFE 100K-2XLNM	150	50	50	1000	20	D	660,-	965-229	93,-	963-129	116,-
SFE 300K-1LNM	300	100	100	2000	20	D	660,-	965-229	93,-	963-129	116,-

Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible.
Verification at the factory, we need to know the full address of the location of use.



10

Platform scale with stainless steel display device with IP68 rating, XL-display und EC type approval [M] – now also as high resolution version with high-resolution display



Piece-counting function



Durable stainless steel weighing plate



Stainless steel display device with IP68 protection, hygienic and easy to clean



Features

- Tough industry standard suitable for use in harsh industrial applications
- 1** Platform: weighing plate stainless steel, painted steel base, silicone-coated aluminium load cell, protection against dust and water splashes IP65, Substruction in wing design, extremely resistant to bending
- Superior display size: digit height 55 mm, bright backlight for easy reading of weighing results, even in poor lighting conditions
- Display device: Stainless steel, protection against dust and water splashes IP68, integrated power supply
- ESD drain to protect against electrostatic discharge e.g. for electrostatically-charged weighing objects or people who work with the scale
- Thanks to interfaces such as RS-232, RS-485 and Bluetooth (optional) the scale can easily be connected to existing networks and facilitates the data exchange between the scale and printer

Technical data

- Large backlit LCD display, digit height 55 mm
- Weighing plate dimensions, stainless steel W×D×H
 - A** 300×240×86 mm
 - B** 400×300×89 mm, see larger picture
 - C** 500×400×123 mm
 - D** 650×500×133,5 mm
- Dimensions of display device W×D×H 232×150×80 mm
- Cable length of display device approx. 2,5 m
- Permissible ambient temperature -10 °C/40 °C

Accessories

- 3** Stand to elevate display device
 - A-D** Height of stand approx. 50 mm, KERN IXS-A01, **€ 55,-**
 - A-D** Height of stand approx. 200 mm, KERN IXS-A02, **€ 70,-**
 - B-D** Height of stand approx. 400 mm, KERN IXS-A03, **€ 75,-**
 - C-D** Height of stand approx. 600 mm, KERN IXS-A04, **€ 85,-**

- Internal rechargeable battery pack, operating time up to 80 h without backlight, charging time approx. 12 h, KERN GAB-A04, **€ 40,-**
- Data interface RS-232, interface cable included, approx. 1,5 m, must be ordered at purchase, KERN KXS-A04, **€ 100,-**
- Data interface RS-485, must be ordered at purchase, KERN KXS-A01, **€ 145,-**
- 4** Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, not in combination with verification, KERN KXS-A02, **€ 170,-**
- Foot switch, must be ordered at purchase, KERN KXS-A03, **€ 130,-**
- Roller conveyor attachment, with smooth-running, hot-dip galvanised steel rollers with ball bearings, robust aluminium profile frame, KERN YRO-01, **€ 660,-**
- Further details, plenty of further accessories and suitable printers see *Accessories*

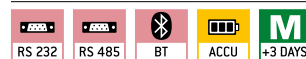
STANDARD



OPTION



FACTORY



Model	Weighing range [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Option			
								Verification		DAkKS Calibr. Certificate	
								M KERN	€	DAkKS KERN	€
KERN											
IXS 6K-4	6	0,2	-	-	6	A	520,-	-	-	963-128	94,-
IXS 10K-4	15	0,5	-	-	6	A	520,-	-	-	963-128	94,-
IXS 10K-4L	15	0,5	-	-	11	B	590,-	-	-	963-128	94,-
IXS 30K-3	30	1	-	-	11	B	590,-	-	-	963-128	94,-
IXS 30K-3L	30	1	-	-	22	C	720,-	-	-	963-128	94,-
IXS 60K-3	60	2	-	-	11	B	590,-	-	-	963-129	116,-
IXS 60K-3L	60	2	-	-	22	C	720,-	-	-	963-129	116,-
IXS 100K-3	150	5	-	-	22	C	720,-	-	-	963-129	116,-
IXS 100K-3L	150	5	-	-	36	D	790,-	-	-	963-129	116,-
IXS 300K-2	300	10	-	-	36	D	790,-	-	-	963-129	116,-
Dual-range balance switches automatically to the next largest weighing capacity [Max] and readability [d]											
IXS 6K-3M	3 6	1 2	1 2	20 40	6	A	520,-	965-228	70,-	963-128	94,-
IXS 10K-3M	6 15	2 5	2 5	40 100	6	A	530,-	965-228	70,-	963-128	94,-
IXS 10K-3LM	6 15	2 5	2 5	40 100	11	B	590,-	965-228	70,-	963-128	94,-
IXS 30K-2M	15 30	5 10	5 10	100 200	11	B	590,-	965-228	70,-	963-128	94,-
IXS 30K-2LM	15 30	5 10	5 10	100 200	22	C	720,-	965-228	70,-	963-128	94,-
IXS 60K-2M	30 60	10 20	10 20	200 400	11	B	590,-	965-229	93,-	963-129	116,-
IXS 60K-2LM	30 60	10 20	10 20	200 400	22	C	720,-	965-229	93,-	963-129	116,-
IXS 100K-2M	60 150	20 50	20 50	400 1000	22	C	720,-	965-229	93,-	963-129	116,-
IXS 100K-2LM	60 150	20 50	20 50	400 1000	36	D	800,-	965-229	93,-	963-129	116,-
IXS 300K-2M	150 300	50 100	50 100	1000 2000	36	D	800,-	965-229	93,-	963-129	116,-

Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible.

Verification at the factory, we need to know the full address of the location of use.

* Either RS-232 or RS-485 can be installed and used



Alibi memory

- Ring memory for up to 49,152 measuring results (744 measuring results per day!)
- Saved measuring results cannot be changed or cleared. If the maximum memory capacity is reached, then the oldest value will be overwritten
- In addition to the measuring result, the date, time, tare value, a sequential number and the serial number of the balance are also saved.
- Saved measuring results can be searched and recalled easily
- The alibi memory can also be used for applications which do not require verification
- Complies with WELMEC 2.5



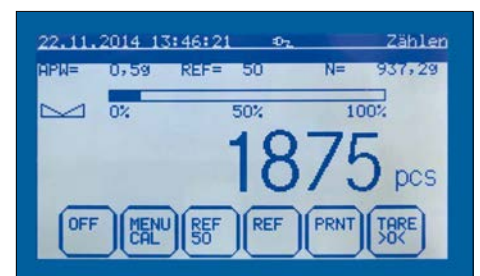
Touchscreen platform scale with enormous range of functions



Easy input of text and values
Using large keypad, e.g. up to 80 item descriptions, user name, packaging weights for tare containers etc.



80 memories for each mode
e.g. for Checkweighing, PRE-TARE, reference weight, target value when dispensing, item descriptions, user name, weights for tare containers, etc. Easy to enter using the large-scale keypad



Professional counting function
All relevant counting information at a glance, such as, e.g., reference weight, reference quantity, total count, total weight, tare container weight, available weighing capacity and much more

Features

- Convenient recipe weighing: 99 In recipes with 10 components each can be stored in plain text. There is a function to adjust the other components if the initial weight was too high. The actual values and the desired values well as the proportionate percentages can be printed afterwards.
- Multiplier function: recipes with the ingredient weights recorded as percentage values can easily be replicated by entering a new target weight. The ideal solution for the preparation of larger containers, bulk packs etc.
- Rapid function for shortened stabilisation time with reduced readability
- Control outputs (optocoupler, digital I/O) to connect relays, signal lamps, valves etc. (35 V/80 mA)

Technical data

- Large backlit LCD touch display, digit height 18 mm, screen diagonal 5,8" (127×74mm)
- Weighing plate dimensions, stainless steel W×D×H
 - A** 228×228×95 mm
 - B** 315×308×75 mm
 - C** 450×350×115 mm, see larger picture
 - D** 650×500×142 mm
- Dimensions of display device W×D×H 315×305×75 mm
- Cable length of display device approx., for models with weighing plate size
 - A** 1 m
 - B**, **D** 2 m
 - C** 0,6 m
- Permissible ambient temperature 10 °C/40 °C

Accessories

- Rechargeable battery pack external, operating time up to 20 h without backlight, charging time approx. 10 h, KERN KS-A01, **€ 160,-**
- Signal lamp for visual support of weighing with tolerance range, KERN IKT-A04, **€ 260,-**
- RS-232/Ethernet adapter for connection to an IP-based Ethernet network, KERN YKI-01, **€ 290,-**
- RS-232/USB adapter, to connect peripheral devices with USB connection, SAUTER AFH 12, **€ 85,-**
- **I** Set for underfloor weighing, consists of platform, bow, hook, only for models with weighing plate **B**, KERN DS-A01, **€ 200,-**
- Stand to elevate display device, for models with weighing plate size **B**, **C**, height of stand approx. 480 mm, KERN IKT-A06, **€ 105,-**
- Wall mount for display device, KERN IKT-A03, **€ 35,-**
- Suitable printers see Accessories

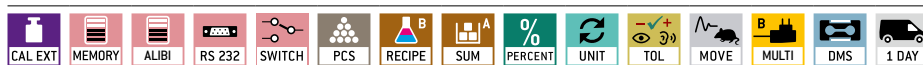
Modes

- ① Weighing
- ② Counting
- ③ Dispensing
- ④ Recipe weighing
- ⑤ Checkweighing
- ⑥ Totalising with daily total
- ⑦ Percentage determination
- ⑧ Animal weighing
- ⑨ Surface weight
- ⑩ Density determination, only with **B**
- ⑪ Rapid function

Functions

- Capacity display with ①, ②, ⑤-⑦, ⑨-⑩
- Dispensing aid (-/+), with ③, ④
- Net/gross display, permanent, with ①, ③-⑤, ⑧-⑪
- Variable reference quantity, with ②
- Automatic reference optimisation, with ②
- PRE-TARE numerical or from the memory unit, with ①-⑦, ⑪
- Entering of item or batch description, operator etc., with ①-⑦, ⑪
- Freely programmable weighing unit, e.g. display direct in special units such as length of thread g/m, grammage g/m², or similar, with ⑨
- Date/time, with ①-⑪
- Statistical function, with ①
- GLP printout, with ①-⑪
- Individual formatting of up to 16 printer forms, recipes, operating mode master data in MS Excel, import via RS-232, for examples, see the internet, with ①-⑪

STANDARD



OPTION



Model	Weighing capacity [Max] kg	Readability [d] g	Smallest part weight [Normal] g/piece	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Option	
							DAKKS Calibr. Certificate	
KERN							DAKKS KERN	€
IKT 6K0.1	6	0,1	1	8	B	830,-	963-128	94,-
IKT 12K0.2	12	0,2	2	8	B	830,-	963-128	94,-
IKT 30K0.5	30	0,5	5	8	B	830,-	963-128	94,-
IKT 60K1L	60	1	10	10	C	1050,-	963-129	116,-
IKT 150K2XL	150	2	20	20	D	1200,-	963-129	116,-
IKT 300K5XL	300	5	50	20	D	1200,-	963-129	116,-
IKT 3K0.01S	3	0,01	0,1	6	A	920,-	963-127	78,-
IKT 8K0.05	8	0,05	0,5	8	B	850,-	963-128	94,-
IKT 16K0.1	16	0,1	1	8	B	850,-	963-128	94,-
IKT 30K0.1	30	0,1	1	8	B	850,-	963-128	94,-
IKT 30K0.1L	30	0,1	1	10	C	1150,-	963-128	94,-
IKT 36K0.2	36	0,2	2	8	B	850,-	963-128	94,-
IKT 36K0.2L	36	0,2	2	10	C	1050,-	963-128	94,-
IKT 60K0.2L	60	0,2	2	10	C	1120,-	963-129	116,-
IKT 65K0.5L	65	0,5	5	10	C	1050,-	963-129	116,-
IKT 100K0.5L	100	0,5	5	10	C	1150,-	963-129	116,-
IKT 150K1L	150	1	10	10	C	1150,-	963-129	116,-

I ONLY WHILE STOCKS LAST

KERN & SOHN GmbH
Balances, Test weights, Microscopes,
DAkkS calibration laboratory

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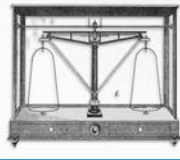
info@kern-sohn.com
 www.kern-sohn.com

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1769

Ancestor Johann Jakob Sauter built the Hahn inclination scale out of iron, a foundation stone for weighing for the balance industry in Southern Germany



1844

KERN is founded – precision balances are produced



1863

A proud Gottlieb Kern with his staff



1880

Pharmaceutical balance with Aesculap



1923

Inflation – KERN wages are paid with self printed currency



1980

The electronic balance ousts mechanical devices



1994

Accredited DKD laboratory (ISO 17025)



2000

New premises in Balingen



2002

Existing QM system certification in accordance with DIN EN ISO 9001:2000 standards



2007

Approval for the manufacture of medical products (DIN EN 13485 and 93/42/EEC)



2008

Authorisation for initial verification by the manufacturer (2009/23/EC)



2009

Approval for the manufacture and sale of height rods (DIN EN 13485 and 93/42/EEC)



2012

Verification point for non-automatic balances and test weights.

New customer portal
www.kern-sohn.com
 goes live



2014

Expansion of the product range to include optical instruments (microscopes and refractometers)



2015

Inauguration of Ziegelei 2.0 with computer-controlled high-bay warehouse



2017

Come with KERN into the digital future: Expansion of the model ranges compatible with Industry 4.0, as well as the related services



2019

Significant anniversary year! 25 years of accredited DAkkS/DKD laboratory 175 years of KERN & SOHN 250 years of balance manufacture in the Sauter family-owned company



2020

Construction of Ziegelei 3.0, extension of administration building