

PARCEL SCALES/PLATFORM SCALES/ ROLLER CONVEYOR

PROFESSIONAL
MEASURING



2018

KERN Pictograms

 Internal adjusting: Quick setting up of the balance's accuracy with internal adjusting weight (motordriven)	 GLP/ISO log: The balance displays serial number, user ID, weight, date and time, regardless of a printer connection	 Suspended weighing: Load support with hook on the underside of the balance
 Adjusting program CAL: For quick setting up of the balance's accuracy. External adjusting weight required	 GLP/ISO log: With weight, date and time. Only with KERN printers, see page 154/155	 Battery operation: Ready for battery operation. The battery type is specified for each device
 Memory: Balance memory capacity, e.g. for article data, weighing data, tare weights, PLU etc.	 Piece counting: Reference quantities selectable. Display can be switched from piece to weight	 Rechargeable battery pack: Rechargeable set
 Alibi memory: Secure, electronic archiving of weighing results, complying with the 2014/31/EU standard. For details see page 191	 Recipe level A: The weights of the recipe ingredients can be added together and the total weight of the recipe can be printed out	 Universal mains adapter: with universal input and optional input socket adapters for A) EU, GB B) EU, GB, CH, USA C) EU, GB, CH, USA, AUS
 Data interface RS-232: To connect the balance to a printer, PC or network	 Recipe level B: Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display	 Mains adapter: 230V/50Hz in standard version for EU. On request GB, USA or AUS version available
 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 C: Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display, multiplier function, adjustment of recipe when dosages are exceeded or barcode recognition	 Power supply: Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, USA or AUS on request
 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: Strain gauges Electrical resistor on an elastic deforming body
 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: Tuning fork A resonating body is electromagnetically excited, causing it to oscillate
 WLAN 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	 Weighing principle: Electromagnetic force compensation Coil inside a permanent magnet. For the most accurate weighings
 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	 Weighing principle: Single cell technology Advanced version of the force compensation principle with the highest level of precision
 Interface for second balance: For direct connection of a second balance	 Hold function: (Animal weighing program) When the weighing conditions are unstable, a stable weight is calculated as an average value	 Verification possible: The time required for verification is specified in the pictogram
 Network interface: For connecting the scale to an Ethernet network	 Protection against dust and water splashes IPxx: The type of protection is shown in the pictogram. For details see page 58	 DAkkS calibration possible (DKD): The time required for DAkkS calibration is shown in days in the pictogram
 Wireless data transfer: between the weighing unit and the evaluation unit using an integrated radio module	 Stainless steel: The balance is protected against corrosion	 Package shipment: The time required for internal shipping preparations is shown in days in the pictogram
 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	 Pallet shipment: The time required for internal shipping preparations is shown in days in the pictogram	

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, for example, 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 170 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/EEC

versatile

- One-stop shopping: from pocket balances through to 15 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 [0] 7433 9933-0



Service hotline

+49 [0] 7433 9933-199



Calibration hotline

+49 [0] 7433 9933-196



Our team of consultants will assist you

from Monday to Friday
from 8:00 am to 6:00 pm



Online Shop

www.kern-sohn.com



E-mail order

info@kern-sohn.com



Fax order

+49 [0] 7433 9933-146




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.



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

		★★★★
		★★★
		★
	DS	

STAINLESS STEEL PLATFORM SCALES

		★★★★
▶ Page 65	 ▶ Page 66	★★★
	SFB	★

PLATFORM SCALES WITH STAINLESS STEEL DISPLAY

		★★★★
		★★★
		★
		

INDUSTRIAL PLATFORM SCALES

		★★★★				
		★★★				
		★				
						

PARCEL SCALES

		★★★★				
		★★★				
		★				
						

- ▶ USB, LAN, WLAN, Bluetooth, optional analog output
- ▶ Protected against water splashes through IP65 rating
- ▶ Robust finish
- ▶ With EC type approval [M] for applications which require verification on request

from €

295,-

page 94

HIGH-LIGHT





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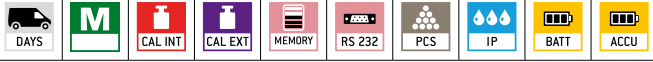
KERN IOC

Quick-Finder Platform scales

Read-out [d] g	Weighing range [Max] kg	Weighing plate W×D mm	Model KERN	Price excl. of VAT ex works €	Page														
						For an explanation on the pictos, see the front flap													
0,01	3	228×228×95	DS 3K0.01S	640,-	96	1					●								○
0,01	3	228×228×95	IKT 3K0.01S	920,-	100	1					●		●	●	●				○
0,05	5	228×228×95	DS 5K0.05S	560,-	96	1					●			●					○
0,05	8	308×318×75	DS 8K0.05	550,-	96	1					●			●					○
0,05	8	318×308×75	IKT 8K0.05	850,-	100	1					●		●	●	●				○
0,1	6	315×308×75	IKT 6K0.1	830,-	100	1					●		●	●	●				○
0,1	10	228×228×95	DS 10K0.1S	530,-	96	1					●			●					○
0,1	16	315×308×75	DS 16K0.1	550,-	96	1					●			●					○
0,1	16	318×308×75	IKT 16K0.1	850,-	100	1					●		●	●	●				○
0,1	20	308×318×75	DS 20K0.1	580,-	96	1					●			●					○
0,1	30	308×318×75	DS 30K0.1	610,-	96	1					●			●					○
0,1	30	450×350×115	DS 30K0.1L	720,-	96	1					●		●	●					○
0,1	30	318×308×75	IKT 30K0.1	850,-	100	1					●		●	●	●				○
0,1	30	450×350×115	IKT 30K0.1L	1150,-	100	1					●		●	●	●				○
0,2	6	300×240×110	IFB 6K-4	320,-	95	1					●			●		●			○
0,2	6	300×240×86	IXS 6K-4	520,-	98	1					●			○		●			○
0,2	12	318×308×75	IKT 12K0.2	830,-	100	1					●		●	●	●				○
0,2	36	308×318×75	DS 36K0.2	550,-	96	1					●			●					○
0,2	36	450×350×115	DS 36K0.2L	660,-	96	1					●		●	●					○
0,2	36	318×308×75	IKT 36K0.2	850,-	100	1					●		●	●	●				○
0,2	36	450×350×115	IKT 36K0.2L	1050,-	100	1					●		●	●	●				○
0,2	60	450×350×115	DS 60K0.2	740,-	96	1					●			●					○
0,2	60	450×350×115	IKT 60K0.2L	1120,-	100	1					●		●	●	●				○
0,2 0,5	6 15	318×308×88	DE 15K0.2D	335,-	90	1					●			●		●		●	○
0,2 0,5	6 15	300×300×110	EOC 10K-4	370,-	92	1					●			●		●			○
0,5	6	318×308×75	DE 6K0.5A	215,-	90	1					●			●		●		●	○
0,5	6	300×300×110	EOC 6K-4A	350,-	92	1					●			●		●			○
0,5	15	300×240×105	IFB 10K-4	320,-	95	1					●			●		●			○
0,5	15	400×300×128	IFB 10K-4L	390,-	95	1					●			●		●			○
0,5	15	300×240×86	IXS 10K-4	520,-	98	1					●			○		●			○
0,5	15	400×300×89	IXS 10K-4L	590,-	98	1					●			○		●			○
0,5	30	318×308×75	IKT 30K0.5	830,-	100	1					●		●	●	●				○
0,5	65	450×350×115	DS 65K0.5	700,-	96	1					●			●					○
0,5	65	450×350×115	IKT 65K0.5L	1050,-	100	1					●		●	●	●				○
0,5	100	450×350×115	DS 100K0.5	740,-	96	1					●			●					○
0,5	100	450×350×115	IKT 100K0.5L	1150,-	100	1					●		●	●	●				○
0,5 1	15 35	500×400×120	EOC 30K-4	350,-	92	1					●			●		●			○
1	12	318×308×75	DE 12K1A	215,-	90	1					●			●		●		●	○
1	12	300×300×110	EOC 10K-3A	320,-	92	1					●			●		●			○
1	30	400×300×120	IFB 30K-3	390,-	95	1					●			●		●			○
1	30	400×300×89	IXS 30K-3	590,-	98	1					●			○		●			○
1	30	500×400×123	IXS 30K-3L	720,-	98	1					●			○		●			○
1	60	450×350×115	IKT 60K1L	1050,-	100	1					●		●	●	●				○
1	150	450×350×115	DS 150K1	740,-	96	1					●			●					○
1	150	450×350×115	IKT 150K1L	1150,-	100	1					●		●	●	●				○
1 2	3 6	318×308×75	DE 6K1D	185,-	90	1					●			●		●		●	○
1 2	3 6	300×300×110	EOC 6K-3	300,-	92	1					●			●		●			○
1 2	3 6	300×300×110	IOC 6K-3M	320,-	94	1	○				●			●		●			○
1 2	3 6	300×240×110	IFB 6K1DM	335,-	95	1	○				●			●		●			○
1 2	3 6	300×240×86	IXS 6K-3M	520,-	98	1	○				●			○		●			○
1 2	3 6	300×240×100	IFT 6K-3M	1440,-	102	2					●		●	●	●				○
1 2	30 60	318×308×88	DE 60K1D	335,-	90	1					●			●		●		●	○
1 2	30 60	522×406×98	DE 60K1DL	435,-	90	1					●			●		●		●	○
1 2	30 60	300×300×110	EOC 60K-3	310,-	92	1					●			●		●			○
1 2	30 60	500×400×120	EOC 60K-3L	380,-	92	1					●			●		●			○
2	6	300×240×110	SFE 6K-3NM	390,-	97	1	○				●			●		●		●	○
2	24	318×308×75	DE 24K2A	215,-	90	1					●			●		●		●	○
2	24	300×300×110	EOC 20K-3A	370,-	92	1					●			●		●			○
2	60	400×300×120	IFB 60K-3	390,-	95	1					●			●		●			○
2	60	500×400×130	IFB 60K-3L	490,-	95	1					●			●		●			○
2	60	400×300×89	IXS 60K-3	590,-	98	1					●			○		●			○
2	60	500×400×123	IXS 60K-3L	720,-	98	1					●			○		●			○
2	120	450×350×115	IKT 120K2L	1050,-	100	1					●		●	●	●				○
2	150	650×500×142	IKT 150K2XL	1200,-	100	1					●		●	●	●				○
2 5	6 15	318×308×75	DE 15K2D	185,-	90	1					●			●		●		●	○
2 5	6 12	300×300×110	EOC 10K-3	290,-	92	1					●			●		●			○
2 5	6 15	300×240×110	IOC 10K-3M	295,-	94	1	○				●			●		●			○
2 5	6 15	400×300×110	IOC 10K-3LM	360,-	94	1	○				●			●		●			○
2 5	6 15	300×240×110	IFB 15K2DM	335,-	95	1	○				●			●		●			○
2 5	6 15	400×300×128	IFB 15K2DLM	400,-	95	1	○				●			●		●			○
2 5	6 15	300×240×86	IXS 10K-3M	520,-	98	1	○				●			○		●			○



Quick-Finder Platform scales

Read-out [d] g	Weighing range [Max] kg	Weighing plate WxD mm	Model KERN	Price excl. of VAT ex works €	Page										
						For an explanation on the pictos, see the front flap									
2 5	6 15	400×300×89	IXS 10K-3LM	590,-	98	1	○			●		○	●		○
2 5	6 15	300×240×100	IFT 10K-3M	1390,-	102	2			●	●	●	●	●		○
2 5	6 15	400×300×128	IFT 10K-3LM	1490,-	102	2			●	●	●	●	●		○
2 5	60 150	318×308×88	DE 150K2D	340,-	90	1			●		●	●	●	●	○
2 5	60 150	522×406×98	DE 150K2DL	435,-	90	1			●	●	●	●	●	●	○
2 5	60 150	300×300×110	EOC 100K-3	370,-	92	1			●	●	●	●	●		○
2 5	60 150	500×400×120	EOC 100K-3L	450,-	92	1			●	●	●	●	●		○
5	15	315×305×55	EOA 10K-3	110,-	86	1			●					●	
5	15	305×315×55	EOE 10K-3	135,-	87	1			●					●	
5	15	315×305×55	EOB 15K5	152,-	88	1			●					●	
5	15	300×240×110	SFE 10K-3NM	380,-	97	1	○		●				●		●
5	15	400×300×130	SFE 10K-3LNM	440,-	97	1	○		●				●		●
5	60	318×308×75	DE 60K5A	215,-	90	1			●		●	●	●	●	○
5	60	300×300×110	EOC 60K-3A	350,-	92	1			●	●	●	●	●		○
5	150	500×400×70	IFB 100K-3	490,-	95	1			●	●	●	●	●		○
5	150	650×500×142	IFB 100K-3L	690,-	95	1			●	●	●	●	●		○
5	150	500×400×123	IXS 100K-3	720,-	98	1			●		○	●	●		○
5	150	650×500×133,5	IXS 100K-3L	790,-	98	1			●		○	●	●		○
5	300	650×500×142	IKT 300K5XL	1200,-	100	1			●	●	●	●			○
5 10	15 35	318×308×75	DE 35K5D	185,-	90	1			●		●	●	●	●	○
5 10	15 35	522×403×83	DE 35K5DL	315,-	90	1			●		●	●	●	●	○
5 10	15 35	300×300×110	EOC 30K-3	310,-	92	1			●	●	●	●	●		○
5 10	15 35	500×400×120	EOC 30K-3L	370,-	92	1			●	●	●	●	●		○
5 10	15 30	400×300×110	IOC 30K-3M	360,-	94	1	○		●		●	●	●		○
5 10	15 30	400×300×120	IFB 30K5DM	400,-	95	1	○		●	●	●	●	●		○
5 10	15 30	400×300×89	IXS 30K-2M	590,-	98	1	○		●		○	●	●		○
5 10	15 30	500×400×123	IXS 30K-2LM	720,-	98	1	○		●		○	●	●		○
5 10	15 30	400×300×128	IFT 30K-3M	1490,-	102	2			●	●	●	●	●		○
5 10	150 300	522×406×98	DE 300K5DL	435,-	90	1			●	●	●	●	●	●	○
5 10	150 300	500×400×120	EOC 300K-3	390,-	92	1			●	●	●	●	●		○
10	30	300×240×110	SFE 30K-2NM	380,-	97	1	○		●				●		●
10	35	315×305×55	EOA 30K-2	110,-	86	1			●					●	
10	35	305×315×55	EOE 30K-2	135,-	87	1			●					●	
10	35	315×305×55	EOB 35K 10	152,-	88	1			●					●	
10	35	315×305×55	EOB 35K-2F	210,-	89	1			●					●	
10	120	318×308×75	DE 120K10A	215,-	90	1			●		●	●	●	●	○
10	120	500×400×120	EOC 100K-2A	390,-	92	1			●	●	●	●	●		○
10	300	650×500×142	IFB 300K-2	690,-	95	1			●	●	●	●	●		○
10	300	650×500×133,5	IXS 300K-2	790,-	98	1			●		○	●	●		○
10 20	30 60	318×308×75	DE 60K10D	185,-	90	1			●		●	●	●	●	○
10 20	30 60	522×403×83	DE 60K10DL	315,-	90	1			●		●	●	●	●	○
10 20	30 60	300×300×110	EOC 60K-2	350,-	92	1			●	●	●	●	●		○
10 20	30 60	500×400×120	EOC 60K-2L	430,-	92	1			●	●	●	●	●		○
10 20	30 60	400×300×110	IOC 60K-2M	370,-	94	1	○		●		●	●	●		○
10 20	30 60	500×400×120	IOC 60K-2LM	465,-	94	1	○		●	●	●	●	●		○
10 20	30 60	400×300×55	IFB 60K10DM	410,-	95	1	○		●	●	●	●	●		○
10 20	30 60	500×400×130	IFB 60K10DLM	505,-	95	1	○		●	●	●	●	●		○
10 20	30 60	400×300×89	IXS 60K-2M	590,-	98	1	○		●		○	●	●		○
10 20	30 60	500×400×123	IXS 60K-2LM	720,-	98	1	○		●		○	●	●		○
10 20	30 60	400×300×128	IFT 60K-2M	1490,-	102	2			●	●	●	●	●		○
10 20	30 60	500×400×137	IFT 60K-2LM	1590,-	102	2			●	●	●	●	●		○
20	60	315×305×55	EOA 50K-2	110,-	86	1			●					●	
20	60	305×315×55	EOE 60K-2	135,-	87	1			●					●	
20	60	550×550×57	EOE 60K-2L	270,-	87	1			●					●	
20	60	315×305×55	EOB 60K20	152,-	88	1			●					●	
20	60	550×550×75	EOB 60K20L	330,-	88	1			●					●	
20	60	315×305×55	EOB 60K-2F	215,-	89	1			●					●	
20	60	550×550×65	EOB 60K-2LF	430,-	89	1			●					●	
20	60	400×300×130	SFE 60K-2NM	430,-	97	1	○		●				●		●
20	60	500×400×85	SFE 60K-2LNM	540,-	97	1	○		●				●		●
20	600	800×600×190	IFB 600K-2	750,-	95	2			●	●	●	●	●		○
20 50	60 150	318×308×75	DE 150K20D	195,-	90	1			●		●	●	●	●	○
20 50	60 150	522×403×83	DE 150K20DL	315,-	90	1			●		●	●	●	●	○
20 50	60 150	650×500×95	DE 150K20DXL	450,-	90	1			●		●	●	●	●	○
20 50	60 150	300×300×110	EOC 100K-2	350,-	92	1			●	●	●	●	●		○
20 50	60 150	500×400×120	EOC 100K-2L	390,-	92	1			●	●	●	●	●		○
20 50	60 150	600×500×150	EOC 100K-2XL	520,-	92	1			●	●	●	●	●		○
20 50	60 150	950×500×60	EOC 100K-2XXL	530,-	92	1			●	●	●	●	●		○
20 50	60 150	500×400×120	IOC 100K-2M	465,-	94	1	○		●		●	●	●		○
20 50	60 150	650×500×150	IOC 100K-2LM	625,-	94	1	○		●	●	●	●	●		○
20 50	60 150	500×400×135	IFB 150K20DM	505,-	95	1	○		●	●	●	●	●		○
20 50	60 150	650×500×142	IFB 150K20DLM	665,-	95	1	○		●	●	●	●	●		○

Quick-Finder Platform scales

Read-out [d] g	Weighing range [Max] kg	Weighing plate WxD mm	Model KERN	Price excl. of VAT ex works €	Page	DAYS	M	CAL INT	CAL EXT	MEMORY	RS 232	PCS	IP	BATT	ACCU	For an explanation on the pictos, see the front flap									
20 50	60 150	500×400×123	IXS 100K-2M	720,-	98	1	○		●		○	●	●		○										
20 50	60 150	650×500×133,5	IXS 100K-2LM	790,-	98	1	○		●		○	●	●		○										
20 50	60 150	500×400×137	IFT 100K-2M	1490,-	102	2			●	●	●	●	●			○									
20 50	60 150	650×500×142	IFT 100K-2LM	1750,-	102	2			●	●	●	●	●			○									
50	150	315×305×55	EOA 100K-2	110,-	86	1			●						●										
50	150	305×315×55	EOE 100K-2	135,-	87	1			●						●										
50	150	550×550×57	EOE 150K50L	270,-	87	1			●						●										
50	150	950×500×60	EOE 150K50XL	310,-	87	1			●						●										
50	150	315×305×55	EOB 150K50	152,-	88	1			●						●										
50	150	550×550×75	EOB 150K50L	330,-	88	1			●						●										
50	150	945×505×65	EOB 150K50XL	400,-	88	1			●						●										
50	150	900×550×60	EOS 150K50XL	440,-	88	1			●						●										
50	150	315×305×65	EOB 150K-2F	215,-	89	1			●						●										
50	150	550×550×65	EOB 150K-2LF	450,-	89	1			●						●										
50	150	900×550×60	EOS 150K50LXF	510,-	89	1			●						●										
50	150	400×300×130	SFE 100K-2M	450,-	97	1	○		●				●			●									
50	150	500×400×140	SFE 100K-2LM	550,-	97	1	○		●				●			●									
50	150	650×500×140	SFE 100K-2XLNM	660,-	97	1	○		●				●			●									
50 100	150 300	522×403×83	DE 300K50D	315,-	90	1			●		●	●	●		●	○									
50 100	150 300	650×500×95	DE 300K50DL	450,-	90	1			●		●	●	●		●	○									
50 100	150 300	500×400×120	EOC 300K-2	420,-	92	1			●		●	●	●			○									
50 100	150 300	600×500×150	EOC 300K-2L	520,-	92	1			●		●	●	●			○									
50 100	150 300	650×500×150	IOC 300K-2M	650,-	94	1	○		●		●	●	●			○									
50 100	150 300	650×500×142	IFB 300K50DM	665,-	95	1	○		●		●	●	●			○									
50 100	150 300	650×500×133,5	IXS 300K-2M	790,-	98	1	○		●		○	●	●			○									
50 100	150 300	650×500×142	IFT 300K-2LM	1790,-	102	2			●	●	●	●	●			○									
100	300	305×315×60	EOE 300K100	135,-	87	1			●						●										
100	300	550×550×57	EOE 300K100L	265,-	87	1			●						●										
100	300	950×500×55	EOE 300K100XL	310,-	87	1			●						●										
100	300	315×305×55	EOB 300K100A	152,-	88	1			●						●										
100	300	550×550×75	EOB 300K100L	330,-	88	1			●						●										
100	300	945×505×65	EOB 300K100XL	400,-	88	1			●						●										
100	300	900×550×60	EOS 300K100XL	440,-	88	1			●						●										
100	300	550×550×65	EOB 300K-1LF	470,-	89	1			●						●										
100	300	900×550×60	EOS 300K100LXF	510,-	89	1			●						●										
100	300	650×500×140	SFE 300K-1LNM	660,-	97	1	○		●				●			●									
100 200	300 600	800×600×200	IOC 600K-1M	850,-	94	1	○		●		●	●	●			○									
100 200	300 600	800×600×190	IFB 600K-1M	890,-	95	2	○		●		●	●	●			○									

News 2018

● = standard ○ = option



Roller conveyor KERN YRO

Did you know?

For determining the weight of goods e.g. on conveyor in production or dispatch lines, we offer a selection of different roller conveyor attachments for our platform scales. In this way you can convert your platform scale into a robust measuring system for rapid and flexible weight determination. For all details on this, please see page 161.



Compact parcel scales for fast and easy weighing in the office, production, dispatch etc.

Features

- **Simple and convenient 2-key operation**
- **High mobility:** Battery operation, compact, lightweight construction, recessed grips on the underside and low weight make this balance ideal for use in several locations
- **Adjusting program CAL** for quick setting of the balance accuracy, external test weights at an additional price
- **Protective working cover** included with delivery

Technical data

- Large LCD display, digit height 25 mm
- Weighing plate dimensions, steel, painted, W×D×H 315×305×55 mm
- Dimensions of display device W×D×H 225×110×45 mm
- Cable length of display device approx. 1,4 m
- **Ready for use:** Batteries included, 9 V block, operating time up to 60 h
- Permissible ambient temperature 10 °C/35 °C

Accessories

- **Protective working cover** over the display device, scope of delivery: 5 items, KERN DE-A12S05, **€ 40,-**
- **External universal mains adapter**, with universal input and optional input socket adapters for EU, GB, USA, YKA-06, **€ 36,-**

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STANDARD OPTION

CAL EXT
 BATT
 MULTI
 DMS
 1 DAY
 DAKkS
 +3 DAYS

Model	Weighing range [Max] kg	Readout [d] g	Reproducibility g	Linearity g	Price excl. of VAT ex works €	Options	
						DAKkS Calibr. Certificate DKD KERN	€
EOA 10K-3	15	5	5	± 25	110,-	963-128	88,-
EOA 30K-2	35	10	10	± 50	110,-	963-128	88,-
EOA 50K-2	60	20	20	± 100	110,-	963-129	105,-
EOA 100K-2	150	50	50	± 250	110,-	963-129	105,-

ONLY WHILE STOCKS LAST !



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

Features

- **High mobility:** Battery operation, compact, lightweight construction, recessed grips on the underside and low weight make this balance ideal for 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 305×315×55 mm
 - B 550×550×57 mm
 - C 950×500×55 mm
- Dimensions of display device W×D×H 235×114×51 mm
- Optional battery operation, 4×1.5 V AA not included, 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-A02S05, **€ 40,-**
- **Stand** to elevate display device, for models with weighing plate size **A**, height of stand approx. 480 mm, KERN EOB-A01N-2017, **€ 50,-**
- **Stand** to elevate display device, height of stand approx. 950 mm, can be retrofitted, KERN MWS-A01-2017, **€ 70,-**
- **External universal mains adapter**, with universal input and optional input socket adapters for EU, GB, USA, YKA-16, **€ 40,-**

STANDARD

CAL EXT UNIT MOVE BATT MULTI DMS 1 DAY

OPTION

DAKKS +3 DAYS

Model	Weighing range [Max] kg	Readout [d] g	Reproducibility g	Weighing plate	Net weight approx. kg	Cable length approx. m	Price excl. of VAT ex works €	Options	
								DAKKS Calibr. Certificate	DKD KERN
EOE 10K-3	15	5	5	A	3,8	1,8	135,-	963-128	88,-
EOE 30K-2	35	10	10	A	3,8	1,8	135,-	963-128	88,-
EOE 60K-2	60	20	20	A	3,8	1,8	135,-	963-129	105,-
EOE 60K-2L	60	20	20	B	13	2,7	270,-	963-129	105,-
EOE 100K-2	150	50	50	A	3,8	1,8	135,-	963-129	105,-
EOE 150K50L	150	50	50	B	13	2,7	270,-	963-129	105,-
EOE 150K50XL	150	50	50	C	18	2,7	310,-	963-129	105,-
EOE 300K 100	300	100	100	A	3,8	1,8	135,-	963-129	105,-
EOE 300K 100L	300	100	100	B	13	2,7	265,-	963-129	105,-
EOE 300K 100XL	300	100	100	C	18	2,7	310,-	963-129	105,-



The bestsellers in parcel- and veterinary scales, also with XL-platform, and big 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
- KERN EOS: The scale can be easily transported using **rollers** and a **handle** and does not require much storage space
- **Protective working cover** included with delivery
- KERN EOS: **Non-slip rubber mat** included with delivery

Technical data

- Large LCD display, digit height 25 mm
- Weighing plate dimensions W×D×H
 - A** 315×305×55 mm
 - B** 550×550×75 mm, see larger picture
 - C** 550×550×75 mm
 - D** 900×550×60 mm
- Dimensions of display device W×D×H 215×110×50 mm
- Cable length of display device approx. 2 m
- Optional battery operation, 6×1.5 V AA not included, operating time up to 60 h
- Permissible ambient temperature 10 °C/35 °C

Accessories

- **Protective working cover** over the display device, scope of delivery: 5 items, KERN EOB-A02S05, **€ 40,-**
- **1 Stand** to elevate display device, height of stand approx. 950 mm, can be retrofitted, KERN MWS-A01, **€ 180,-**
- **2 KERN EOB: Stand** to elevate display device, can be retrofitted, for models with weighing plate size **A**, height of stand approx. 450 mm, KERN EOB-A01N, **€ 80,-**
- KERN EOB: **Non-slip rubber mat**, W×D×H 945×505×5 mm, KERN EOE-A01, **€ 45,-**
- KERN EOS: **Non-slip rubber mat**, W×D×H 900×550×5 mm, KERN EOS-A01, **€ 35,-**

STANDARD



OPTION



Model	Weighing range [Max] kg	Readout [d] g	Reproducibility g	Linearity g	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options	
								DAkkS Calibr. Certificate	€
KERN								DKD KERN	
EOB 15K5	15	5	5	± 10	4,0	A	152,-	963-128	88,-
EOB 35K10	35	10	10	± 20	4,0	A	152,-	963-128	88,-
EOB 60K20	60	20	20	± 40	4,8	A	152,-	963-129	105,-
EOB 60K20L	60	20	20	± 40	14	B	330,- ↓	963-129	105,-
EOB 150K50	150	50	50	± 100	4,8	A	152,-	963-129	105,-
EOB 150K50L	150	50	50	± 100	14	B	330,- ↓	963-129	105,-
EOB 150K50XL	150	50	50	± 100	19	C	400,-	963-129	105,-
EOB 300K100A	300	100	100	± 200	4,6	A	152,-	963-129	105,-
EOB 300K100L	300	100	100	± 200	14	B	330,- ↓	963-129	105,-
EOB 300K100XL	300	100	100	± 200	19	C	400,-	963-129	105,-
EOS 150K50XL	150	50	50	± 100	19	D	440,-	963-129	105,-
EOS 300K100XL	300	100	100	± 200	19	D	440,-	963-129	105,-

↓ Price reduction



Radio platform scales with touchless tare function

Features

- **Display device with integrated radio module** for wireless communication with the weighing platform: ideal for weighing contaminated items, weighing in loud environments or with physical separation. Range approx. 10 m
- **Touchless tare function:** by the wave of your hand. No need to operate the scale with dirty gloves anymore
- **Network operation:** 3 frequencies for parallel use of several weighing platforms with a single display device
- **High mobility** thanks to battery operation for display device and platform
- **Simple and convenient 5-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

Technical data

- Large LCD display, digit height 25 mm
- Weighing plate dimensions, stainless steel W×D×H
 - A** 315×305×55 mm
 - B** 550×550×65 mm
 - C** 900×550×60 mm
- Dimensions of display device W×D×H 215×110×45 mm
- Optional battery operation, 6×1.5 V AA not included, operating time up to 60 h
- Permissible ambient temperature 10 °C/35 °C

Accessories

- **Protective working cover** over the display device, scope of delivery: 5 items, KERN EOB-A02S05, **€ 40,-**
- **Stand** to elevate display device, for models with weighing plate size **A**, height of stand approx. 450 mm, KERN EOB-A01N, **€ 80,-**
- **Stand** to elevate display device, height of stand approx. 950 mm, KERN MWS-A01, **€ 180,-**
- **KERN EOS-F: Non-slip rubber mat**, W×D×H 900×550×5 mm, KERN EOS-A01, **€ 35,-**

STANDARD



OPTION



Model	Weighing range [Max] kg	Readout [d] g	Reproducibility g	Linearity g	Weighing plate	Price excl. of VAT ex works €	Options	
							DAkkS Calibr. Certificate	€
KERN							DKD KERN	
EOB 35K-2F	35	10	10	± 20	A	210,-	963-128	88,-
EOB 60K-2F	60	20	20	± 40	A	215,-	963-129	105,-
EOB 60K-2LF	60	20	20	± 40	B	430,-	963-129	105,-
EOB 150K-2F	150	50	50	± 100	A	215,-	963-129	105,-
EOB 150K-2LF	150	50	50	± 100	B	450,-	963-129	105,-
EOB 300K-1LF	300	100	100	± 200	B	470,-	963-129	105,-
EOS 150K50XLF	150	50	50	± 100	C	510,-	963-129	105,-
EOS 300K 100XLF	300	100	100	± 200	C	510,-	963-129	105,-

ONLY WHILE STOCKS LAST !



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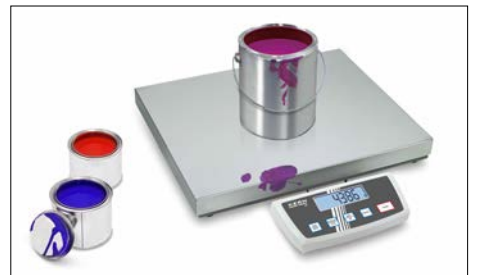
The long lasting story of success with dust and spray protected display device



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 mounted to the wall
- **1 Display device:** plastic, 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** 650×500×95 mm
- Dimensions of display device W×D×H 225×110×45 mm
- Optional battery operation, 9 V block not included, 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,-**
- **Rechargeable battery pack internal**, 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, KERN DE-A11N, **€ 35,-**
- **Wall mount** for display device
- **2 Stand** to elevate display device, height of stand approx. 480 mm, 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 range [Max] kg	Readout [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 €	Options	
										DAkKS Calibr. Certificate	DKD KERN
Dual-range balance switches automatically to the next largest weighing range [Max] and readout [d]											
DE 6K1D	3 6	1 2	1 2	± 3 6	40	1,4	4,8	A	185,-	963-128	88,-
DE 15K2D	6 15	2 5	2 5	± 6 15	100	1,4	4,8	A	185,-	963-128	88,-
DE 35K5D	15 35	5 10	5 10	± 15 30	100	1,4	4,8	A	185,-	963-128	88,-
DE 35K5DL	15 35	5 10	5 10	± 15 30	100	1,4	16	C	315,-	963-128	88,-
DE 60K10D	30 60	10 20	10 20	± 30 60	200	1,4	4,8	A	185,-	963-129	105,-
DE 60K10DL	30 60	10 20	10 20	± 30 60	200	1,4	16	C	315,-	963-129	105,-
DE 150K20D	60 150	20 50	20 50	± 60 150	400	1,5	5,0	A	195,-	963-129	105,-
DE 150K20DL	60 150	20 50	20 50	± 60 150	400	1,5	16	C	315,-	963-129	105,-
DE 150K20DXL	60 150	20 50	20 50	± 60 150	400	1,4	28	E	450,-	963-129	105,-
DE 300K50D	150 300	50 100	50 100	± 150 300	2000	1,25	16	C	315,-	963-129	105,-
DE 300K50DL	150 300	50 100	50 100	± 150 300	2000	1,05	28	E	450,-	963-129	105,-
Dual-range balance with high resolution readout											
DE 15K0.2D	6 15	0,2 0,5	0,2 0,5	± 0,8 2	4	1	4,0	B	335,-	963-128	88,-
DE 60K1D	30 60	1 2	1 2	± 4 8	20	1,47	7	B	335,-	963-129	105,-
DE 60K1DL	30 60	1 2	1 2	± 4 8	20	1,4	15	D	435,-	963-129	105,-
DE 150K2D	60 150	2 5	2 5	± 8 20	40	1,6	7	B	340,-	963-129	105,-
DE 150K2DL	60 150	2 5	2 5	± 8 20	40	1,4	15	D	435,-	963-129	105,-
DE 300K5DL	150 300	5 10	5 10	± 20 40	100	1,4	15	D	435,-	963-129	105,-



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



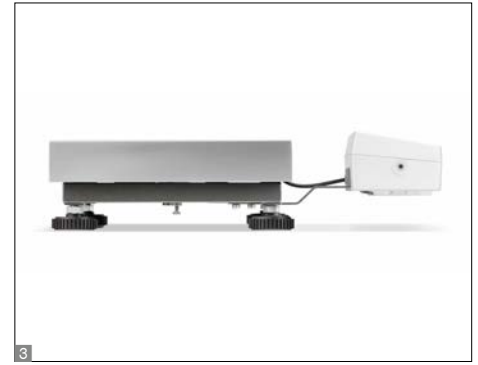
Weighing instead of counting!

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, light-weight 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 (check-weighing):** 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 24 mm
- Weighing plate dimensions W×D×H
 - A 300×300×110 mm
 - B 300×300×110 mm
 - C 500×400×120 mm, see larger picture
 - D 600×500×150 mm
 - E 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,-
- **Rechargeable battery pack internal**, operating time up to 43 h without backlight, charging time approx. 3h, 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



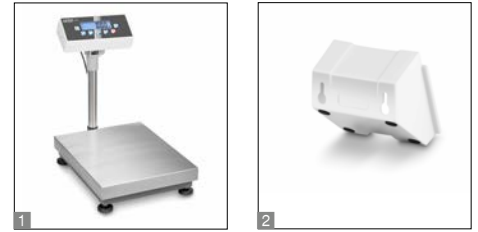
OPTION



Model	Weighing range [Max] kg	Readout [d] g	Smallest part weight [Normal] g/piece	Cable length approx. m	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options	
								DAKKS Calibr. Certificate	DKD KERN
KERN									
EOC 6K-3	3 6	1 2	2,5	3	6	A	300,-	963-128	88,-
EOC 10K-3	6 12	2 5	5	3	7	A	290,-	963-128	88,-
EOC 30K-3	15 35	5 10	10	3	6	B	310,-	963-128	88,-
EOC 30K-3L	15 35	5 10	10	3	9	C	370,-	963-128	88,-
EOC 60K-2	30 60	10 20	20	3	6	B	350,-	963-129	105,-
EOC 60K-2L	30 60	10 20	20	3	9	C	430,-	963-129	105,-
EOC 100K-2	60 150	20 50	50	3	6	B	350,-	963-129	105,-
EOC 100K-2L	60 150	20 50	50	3	9	C	390,-	963-129	105,-
EOC 100K-2XL	60 150	20 50	50	3	19	D	520,-	963-129	105,-
EOC 100K-2XXL	60 150	20 50	100	2,7	16	E	530,-	963-129	105,-
EOC 300K-2	150 300	50 100	100	3	9	C	420,-	963-129	105,-
EOC 300K-2L	150 300	50 100	100	3	19	D	520,-	963-129	105,-
EOC 6K-4A	6	0,5	2,5	3	6	A	350,-	963-128	88,-
EOC 10K-3A	12	1	5	3	7	A	320,-	963-128	88,-
EOC 20K-3A	24	2	10	3	6	A	370,-	963-128	88,-
EOC 60K-3A	60	5	20	3	6	B	350,-	963-129	105,-
EOC 100K-2A	120	10	50	3	9	C	390,-	963-129	105,-
Dual-range balance switches automatically to the next largest weighing range [Max] and readout [d]									
EOC 10K-4	6 15	0,2 0,5	5	3	7	A	370,-	963-128	88,-
EOC 30K-4	15 35	0,5 1	10	3	9	C	350,-	963-128	88,-
EOC 60K-3	30 60	1 2	20	3	6	B	310,-	963-129	105,-
EOC 60K-3L	30 60	1 2	20	3	9	C	380,-	963-129	105,-
EOC 100K-3	60 150	2 5	50	3	7	B	370,-	963-129	105,-
EOC 100K-3L	60 150	2 5	50	3	9	C	450,-	963-129	105,-
EOC 300K-3	150 300	5 10	100	3	9	C	390,-	963-129	105,-

Price reduction

NEW



• Permissible ambient temperature -10 °C/40 °C

Accessories

- **Protective working cover**, scope of delivery: 5 items, KERN EOC-A01S05, € 40,-
- **1 Stand** to elevate display device, height of stand approx. 330 mm, KERN EOC-A05, € 60,-
- **Mount to fasten the display device** to the platform, KERN EOC-A03, € 30,-
- **2 Benchtop stand incl. wall mount** for display device, KERN EOC-A04, € 30,-
- **Rechargeable battery pack internal**, 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, USB sticks etc., KERN KIB-A03, € 120,-
- **Bluetooth data interface** for wireless data transfer to PC or tablets, must be ordered at purchase, KERN KIB-A04, € 110,-
- **WLAN interface** for wireless connection of the balance to networks and WLAN capable devices, such as tablets, laptops or smartphones, must be ordered at purchase, please ask for delivery time, KERN KIB-A10, € 120,-
- **Digital I/O interface (8in/8out)**, KIB-A09, € 130,-
- **Ethernet data interface**, to connect an IP-based Ethernet network, must be ordered at purchase, KERN KIB-A02, € 150,-
- **Signal lamp, including interface**, for visual support of weighing with tolerance range, KERN KIB-A06, € 320,-
- **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, € 160,-
- **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,-

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

Features

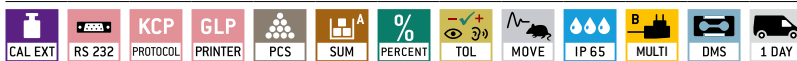
- **Industry 4.0:** A wide range of (optional) data interfaces allows that it is easy to transfer weighing data to tablets, laptops, PCs, networks, Smartphones, printers, etc.
- **High mobility:** thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for 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
- **Weighing with tolerance range (checkweighing):** a visual and audible signal helps with portioning, dispensing or grading. 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

- **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. Only possible through data interface RS-232, other interfaces on request

Technical data

- Large backlit LCD display, digit height 24 mm
- Weighing plate dimensions WxDxH
 A 300x300x110 mm, B 400x300x110 mm,
 C 500x400x120 mm, D 650x500x150 mm,
 E 800x600x200 mm
- Dimensions of display device WxDxH
 260x115x70 mm

STANDARD



OPTION



FACTORY



Model	Weighing range [Max] kg	Readout [d] g	Verification value [e] g	Minimal load [Min] g	Weighing plate	Price excl. of VAT ex works €	Options			
							Verification*		DAkkS Calibr. Certificate	
							KERN	€	DKD	€
KERN IOC 6K-3M	3 6	1 2	1 2	20 40	A	320,-	965-228	70,-	963-128	88,-
KERN IOC 10K-3M	6 15	2 5	2 5	40 100	A	295,-	965-228	70,-	963-128	88,-
KERN IOC 10K-3LM	6 15	2 5	2 5	40 100	B	360,-	965-228	70,-	963-128	88,-
KERN IOC 30K-3M	15 30	5 10	5 10	100 200	B	360,-	965-228	70,-	963-128	88,-
KERN IOC 60K-2M	30 60	10 20	10 20	200 400	B	370,-	965-229	93,-	963-129	105,-
KERN IOC 60K-2LM	30 60	10 20	10 20	200 400	C	465,-	965-229	93,-	963-129	105,-
KERN IOC 100K-2M	60 150	20 50	20 50	400 1000	C	465,-	965-229	93,-	963-129	105,-
KERN IOC 100K-2LM	60 150	20 50	20 50	400 1000	D	625,-	965-229	93,-	963-129	105,-
KERN IOC 300K-2M	150 300	50 100	50 100	1000 2000	D	650,-	965-229	93,-	963-129	105,-
KERN IOC 600K-1M	300 600	100 200	100 200	2000 4000	E	850,-	965-230	132,-	963-130	165,-

* on request



Platform 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 400×300×128 mm
 - E 500×400×130 mm, F 800×600×190 mm
- Dimensions of display device W×D×H 250×160×58 mm
- Cable length of display device approx. 3 m

- Permissible ambient temperature -10 °C/40 °C

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, C: height of stand approx. 330 mm, KERN IFB-A01, € 50,-
 - D - F: height of stand approx. 600 mm, KERN IFB-A02, € 60,-
 - A - F: height of stand approx. 800 mm, KERN BFS-A07, € 120,-
- **Rechargeable battery pack internal**, operating time up to 35 h, without backlight, charging time approx. 12 h, must be ordered at purchase, KERN KFB-A01, € 35,-
- Further details, plenty of further accessories and suitable printers see *Accessories*

STANDARD: CAL EXT, RS 232, GLP, PRINTER, PCS, SUM, A, TOL, MOVE, IP 65, MULTI, DMS, 1 DAY, 2 DAYS. OPTION: ACCU, DAKKS, +3 DAYS. FACTORY: M, +3 DAYS, IFB-M.

Model	Weighing range [Max] kg	Readout [d] g	Verification value [e] g	Minimal load [Min] g	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options			
								Verification		DAkkS Calibr. Certificate	
KERN								M KERN	€	DKD KERN	€
IFB 6K-4S	6	0,2	-	-	6	A	350,-	-	-	963-128	88,-
IFB 6K-4	6	0,2	-	-	6	B	320,-	-	-	963-128	88,-
IFB 10K-4	15	0,5	-	-	6	C	320,-	-	-	963-128	88,-
IFB 10K-4L	15	0,5	-	-	10	C	390,-	-	-	963-128	88,-
IFB 30K-3	30	1	-	-	10	C	390,-	-	-	963-128	88,-
IFB 60K-3	60	2	-	-	10	D	390,-	-	-	963-129	105,-
IFB 60K-3L	60	2	-	-	13	D	490,-	-	-	963-129	105,-
IFB 100K-3	150	5	-	-	14	E	490,-	-	-	963-129	105,-
IFB 100K-3L	150	5	-	-	22	E	690,-	-	-	963-129	105,-
IFB 300K-2	300	10	-	-	20	F	690,-	-	-	963-129	105,-
IFB 600K-2	600	20	-	-	46	E	750,-	-	-	963-130	165,-
Dual-range balance switches automatically to the next largest weighing range [Max] and readout [d]											
IFB 6K1DM	3 6	1 2	1 2	20 40	6	A	335,-	965-228	70,-	963-128	88,-
IFB 15K2DM	6 15	2 5	2 5	40 100	6	A	335,-	965-228	70,-	963-128	88,-
IFB 15K2DLM	6 15	2 5	2 5	40 100	10	B	400,-	965-228	70,-	963-128	88,-
IFB 30K5DM	15 30	5 10	5 10	100 200	11	B	400,-	965-228	70,-	963-128	88,-
IFB 60K10DM	30 60	10 20	10 20	200 400	11	B	410,-	965-229	93,-	963-129	105,-
IFB 60K10DLM	30 60	10 20	10 20	200 400	13	C	505,-	965-229	93,-	963-129	105,-
IFB 150K20DM	60 150	20 50	20 50	400 1000	14	C	505,-	965-229	93,-	963-129	105,-
IFB 150K20DLM	60 150	20 50	20 50	400 1000	20	D	665,-	965-229	93,-	963-129	105,-
IFB 300K50DM	150 300	50 100	50 100	1000 2000	22	D	665,-	965-229	93,-	963-129	105,-
IFB 600K-1M	300 600	100 200	100 200	2000 4000	46	E	890,-	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.



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

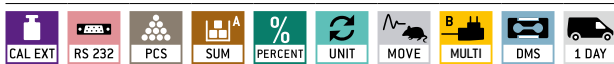
Technical data

- 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, only for models with weighing plate sizes B, C, height of stand approx. 480 mm, KERN DE-A10, € 100,-
- **Mount to fasten the display device** to the platform, for models with weighing plate sizes B, C, 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, € 180,-
- **Rechargeable battery pack internal**, 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 range [Max] kg	Readout [d] g	Smallest part weight [Normal] g/piece	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options	
							DAkkS Calibr. Certificate	€
KERN							DKD KERN	
DS 3K0.01S	3	0,01	0,1	4,2	A	640,-	963-127	72,-
DS 5K0.05S	5	0,05	0,5	4,2	A	560,-	963-127	72,-
DS 8K0.05	8	0,05	0,5	8	B	550,-	963-128	88,-
DS 10K0.1S	10	0,1	1	4,2	A	530,-	963-128	88,-
DS 16K0.1	16	0,1	1	8	B	550,-	963-128	88,-
DS 20K0.1	20	0,1	1	8	B	580,-	963-128	88,-
DS 30K0.1	30	0,1	1	8	B	610,-	963-128	88,-
DS 30K0.1L	30	0,1	1	10	C	720,-	963-128	88,-
DS 36K0.2	36	0,2	2	8	B	550,-	963-128	88,-
DS 36K0.2L	36	0,2	2	10	C	660,-	963-128	88,-
DS 60K0.2	60	0,2	2	10	C	740,-	963-129	105,-
DS 65K0.5	65	0,5	5	10	C	700,-	963-129	105,-
DS 100K0.5	100	0,5	5	10	C	740,-	963-129	105,-
DS 150K1	150	1	10	10	C	740,-	963-129	105,-



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 (check-weighing):** 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 195×118×83 mm
- Cable length of display device approx. 3 m

- Rechargeable battery pack internal, operating time up to 35 h without backlight, charging time approx. 12 h
- Permissible ambient temperature -10 °C/40 °C

Accessories

- 2 Stand** to elevate display device, for models with weighing plate size
 - A-D:** height of stand approx. 200 mm, KERN SFE-A01, **€ 55,-**
 - B-D:** height of stand approx. 400 mm, KERN SFE-A02, **€ 55,-**
 - C-D:** height of stand approx. 600 mm, KERN SFE-A03, **€ 65,-**
- Tare pan made of stainless steel,** ideal for weighing loose small parts, fruit, vegetables etc., W×D×H 370×240×20 mm, KERN RFS-A02, **€ 55,-**

STANDARD



OPTION



FACTORY



Model	Weighing range [Max] kg	Readout [d] g	Verification value [e] g	Minimal load [Min] g	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options			
								Verification		DAkkS Calibr. Certificate	
								M	€	DKD KERN	€
SFE 6K-3NM	6	2	2	40	6	A	390,-	965-228	70,-	963-128	88,-
SFE 10K-3NM	15	5	5	100	6	A	380,-	965-228	70,-	963-128	88,-
SFE 10K-3LNM	15	5	5	100	12	B	440,-	965-228	70,-	963-128	88,-
SFE 30K-2NM	30	10	10	200	6	A	380,-	965-228	70,-	963-128	88,-
SFE 60K-2NM	60	20	20	400	10	B	430,-	965-229	93,-	963-129	105,-
SFE 60K-2LNM	60	20	20	400	14	C	540,-	965-229	93,-	963-129	105,-
SFE 100K-2M	150	50	50	1000	10	B	450,-	965-229	93,-	963-129	105,-
SFE 100K-2LM	150	50	50	1000	14	C	550,-	965-229	93,-	963-129	105,-
SFE 100K-2XLNM	150	50	50	1000	22	D	660,-	965-229	93,-	963-129	105,-
SFE 300K-1LNM	300	100	100	2000	20	D	660,-	965-229	93,-	963-129	105,-

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



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
Benchtop stand incl. wall mount for display device as standard, for details see KERN KXS-TM



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
- **2 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, see larger picture
 - B** 400×300×89 mm
 - C** 500×400×123 mm
 - D** 650×500×133,5 mm
- Dimensions of display device W×D×H 232×170×80 mm
- Cable length of display device approx. 2,5 m
- Permissible ambient temperature -10 °C/40 °C

Accessories

- **3 Stand** to elevate display device height of stand approx. 50 mm, KERN IXS-A01, **€ 55,-**
height of stand approx. 200 mm, KERN IXS-A02, **€ 70,-**
height of stand approx. 400 mm, KERN IXS-A03, **€ 75,-**

height of stand approx. 600 mm, KERN IXS-A04, **€ 85,-**

- **Rechargeable battery pack internal**, 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,-**
- **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*

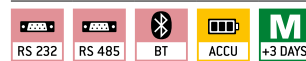
STANDARD



OPTION



FACTORY



Model	Weighing range [Max] kg	Readout [d] g	Verification value [e] g	Minimal load [Min] g	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options			
								Verification		DAkkS Calibr. Certificate	
KERN								M III KERN	€	DKD KERN	€
IXS 6K-4	6	0,2	-	-	6	A	520,-	-	-	963-128	88,-
IXS 10K-4	15	0,5	-	-	6	A	520,-	-	-	963-128	88,-
IXS 10K-4L	15	0,5	-	-	11	B	590,-	-	-	963-128	88,-
IXS 30K-3	30	1	-	-	11	B	590,-	-	-	963-128	88,-
IXS 30K-3L	30	1	-	-	22	C	720,-	-	-	963-129	105,-
IXS 60K-3	60	2	-	-	11	B	590,-	-	-	963-129	105,-
IXS 60K-3L	60	2	-	-	22	C	720,-	-	-	963-129	105,-
IXS 100K-3	150	5	-	-	22	C	720,-	-	-	963-129	105,-
IXS 100K-3L	150	5	-	-	36	D	790,-	-	-	963-129	105,-
IXS 300K-2	300	10	-	-	36	D	790,-	-	-	963-129	105,-
Dual-range balance switches automatically to the next largest weighing range [Max] and readout [d]											
IXS 6K-3M	3 6	1 2	1 2	20 40	6	A	520,-	965-228	55,-	963-128	88,-
IXS 10K-3M	6 15	2 5	2 5	40 100	6	A	520,-	965-228	55,-	963-128	88,-
IXS 10K-3LM	6 15	2 5	2 5	40 100	11	B	590,-	965-228	55,-	963-128	88,-
IXS 30K-2M	15 30	5 10	5 10	100 200	11	B	590,-	965-228	55,-	963-128	88,-
IXS 30K-2LM	15 30	5 10	5 10	100 200	22	C	720,-	965-228	55,-	963-128	88,-
IXS 60K-2M	30 60	10 20	10 20	200 400	11	B	590,-	965-229	93,-	963-129	105,-
IXS 60K-2LM	30 60	10 20	10 20	200 400	22	C	720,-	965-229	93,-	963-129	105,-
IXS 100K-2M	60 150	20 50	20 50	400 1000	22	C	720,-	965-229	93,-	963-129	105,-
IXS 100K-2LM	60 150	20 50	20 50	400 1000	36	D	790,-	965-229	93,-	963-129	105,-
IXS 300K-2M	150 300	50 100	50 100	1000 2000	36	D	790,-	965-229	93,-	963-129	105,-

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.

PREMIUM



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



10

Touchscreen platform scale with enormous range of functions, available also with EC type approval [M]



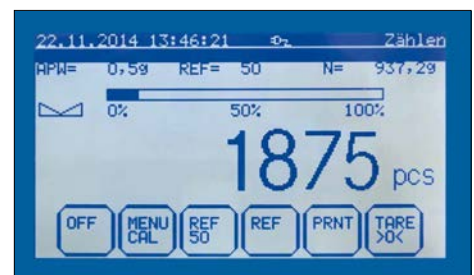
Easy input of text and values

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 range and much more

Features

- **Convenient recipe weighing:** 99 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 readout
- **Control outputs (optocoupler, digital I/O)** to connect relays, signal lamps, valves etc. (35V/80mA)

Technical data

- Large backlit LCD touch display, digit height 18 mm, screen diagonal 5,8" (127×74 mm)
- Weighing plate dimensions, stainless steel W×D×H
 - A 228×228×95 mm
 - B 315×308×75 mm
 - C 450×350×115 mm
 - D 650×500×142 mm
- Dimensions of display device W×D×H 200×155×68 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, **€ 180,-**
- **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, KERN AFH 12, **€ 85,-**
- **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 range [Max] kg	Readout [d] g	Smallest part weight [Normal] g/piece	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options	
							DAkKS Calibr. Certificate	€
KERN							DKD	
							KERN	
IKT 6K0.1	6	0,1	1	8	B	830,-	963-128	88,-
IKT 12K0.2*	12	0,2	2	8	B	830,-	963-128	88,-
IKT 30K0.5	30	0,5	5	8	B	830,-	963-128	88,-
IKT 60K1L	60	1	10	10	C	1050,-	963-129	105,-
IKT 120K2L*	120	2	20	10	C	1050,-	963-129	105,-
IKT 150K2XL	150	2	20	20	D	1200,-	963-129	105,-
IKT 300K5XL	300	5	50	20	D	1200,-	963-129	105,-
High resolution readout								
IKT 3K0.01S	3	0,01	0,1	6	A	920,-	963-127	72,-
IKT 8K0.05	8	0,05	0,5	8	B	850,-	963-128	88,-
IKT 16K0.1	16	0,1	1	8	B	850,-	963-128	88,-
IKT 30K0.1	30	0,1	1	8	B	850,-	963-128	88,-
IKT 30K0.1L	30	0,1	1	10	C	1150,-	963-128	88,-
IKT 36K0.2*	36	0,2	2	8	B	850,-	963-128	88,-
IKT 36K0.2L	36	0,2	2	10	C	1050,-	963-128	88,-
IKT 60K0.2L	60	0,2	2	10	C	1120,-	963-129	105,-
IKT 65K0.5L	65	0,5	5	10	C	1050,-	963-129	105,-
IKT 100K0.5L	100	0,5	5	10	C	1150,-	963-129	105,-
IKT 150K1L	150	1	10	10	C	1150,-	963-129	105,-

* ONLY WHILE STOCKS LAST !



10

KERN **easytouch** platform scale – the intuitive way to weigh – now also as high resolution version with high-resolution display



Convenient piece-counting function

Standard use: Direct input of the reference quantity or the reference weight
 Professional use: Recall of items to be counted from the database with all relevant additional data such as piece weight, name, reference quantity, tare container weight, tolerances. Which means a super-fast sequence when counting: select item – load – count – done!

Fill-to-target function

Programmable target quantity or target weight. A signal will be displayed when the target value is reached

Convenient weighing with tolerance range (Checkweighing)

Standard use: Direct input of the tolerances in grams or percent
 Professional use: Recall of items from the database with all relevant additional data such as piece weight, name, reference quantity, tare container weight, tolerances. That leads to a super-fast sequence when portioning, dosing or sorting: Select item – load – check – done!



Features

- **High-quality, rapid processors** allow efficient, delay-free operation
- Thanks to the **intuitive touchscreen concept** and multi-lingual operation (DE, GB, FR, IT, ES, PT, NL, FI, PL, RUS, SE, CZ) the balance can be used easily by inexperienced users, straightaway. For the professional user, the balance provides convenient functions which permit a high level of individualisation and which thereby make operation significantly easier and quicker
- Through a **large memory (256 MB)**, e.g. for item master data, weighing data etc. the balance is the ideal solution when working with a large range of goods or where there are high requirements for record keeping and documentation
- **1** Thanks to the high level of **connectivity** it is easy to connect barcode readers for item recognition, USB sticks for data storage or data transfer to PCs, scales and networks using RS-232 or USB. This means that this range can be used for many different functions in Industry 4.0 applications
- **Convenient recipe weighing**
Standard use: Direct input of the recipe ingredients in grams or percent
Professional use: Recall of items from the database with all relevant additional data such as target value, tolerances, name, tare

- container weight. That leads to a super-fast sequence when recipe-weighing: select recipe – weigh – done!
- A graphic signal helps when dosing individual recipe ingredients. An information column on the lefthand edge of the screen allows you to see at a glance which ingredients have already been weighed (proportionately)
- **Multiplier function:** recipes and their ingredients can be multiplied at will at the press of a button, which is ideal for the production of larger containers, bulk packs etc.
- **2 Platform:** weighing plate stainless steel, painted steel base, silicone-coated aluminium load cell, protection against dust and water splashes IP65

Technical data

- Large backlit LCD touch display, digit height 12 mm, screen diagonal 7" (155x85 mm)
- Weighing plate dimensions, stainless steel WxDxH
 - A** 300x240x100 mm
 - B** 400x300x128 mm, see larger picture
 - C** 500x400x137 mm
 - D** 650x500x142 mm
- Dimensions of display device WxDxH 252x152x133,4 mm
- Cable length of display device approx. 3 m
- Permissible ambient temperature -10 °C/40 °C

Accessories

- **Stand** to elevate display device, height of stand approx. 330 mm, KERN IFB-A01, **€ 50,-**
- **Stand** to elevate display device, height of stand approx. 600 mm, KERN IFB-A02, **€ 60,-**
- **Stand** to elevate display device, height of stand approx. 800 mm, KERN BFS-A07, **€ 120,-**
- **Rechargeable battery pack internal**, operating time up to 7 h with backlight, charging time approx. 12 h, KERN KFB-A01, **€ 35,-**
- **Y-cable** for parallel connection of two terminal devices to the RS-232 interface on the scale, e.g. signal lamp or barcode reader and printer, KERN CFS-A04, **€ 35,-**
- **Software** for rapid and easy processing of the database at the PC (exporting, processing, importing), KERN SET-1.0, **€ 150,-**

STANDARD



OPTION



Model	Weighing range [Max] kg	Readout [d] g	Reproducibility g	Linearity g	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options	
								DAkKS Calibr. Certificate	DKD KERN €
IFT 6K-4	6	0,2	0,2	0,6	6	A	1490,-	963-128	88,-
IFT 10K-4	15	0,5	0,5	1,5	6	A	1440,-	963-128	88,-
IFT 10K-4L	15	0,5	0,5	1,5	9	B	1540,-	963-128	88,-
IFT 30K-3A	30	1	1	3	9	B	1540,-	963-128	88,-
IFT 60K-3	60	2	2	6	9	B	1540,-	963-129	105,-
IFT 60K-3L	60	2	2	6	14	C	1640,-	963-129	105,-
IFT 100K-3	150	5	5	15	14	C	1540,-	963-129	105,-
IFT 100K-3L	150	5	5	15	22	D	1800,-	963-129	105,-
IFT 300K-2LA	300	10	10	30	22	D	1840,-	963-129	105,-



TIPS FROM THE EXPERTS

As well as our range of scales and microscopes, we can offer you an extensive range of professional measuring technology and testing technology as a comprehensive range of test services.

We will offer you reliable quality at fair prices and with the shortest delivery times. Our product specialists will give you professional advice, will work with you to find the right product and will provide comprehensive support after the purchase too. This ensures a high level of investment security and a good feeling – KERN, the nice balance manufacturer from the wilds of Southern Germany.

For all details on our ranges, please see www.kern-sohn.com or request your own personal catalogues right now: Telephone +49 [0] 7433 9933-0

#2 “Concentrated competence in measuring and testing technology”

The SAUTER measuring technology range covers a large selection of force-measurement devices, measurement devices for coating thickness, material thickness, hardness measurement equipment (Shore, Leeb), calliper gauges, photometers, sound level meters and test benches.

With the SAUTER 2018 **catalogue for measuring technology and test services** you are perfectly equipped for all technical measuring applications.

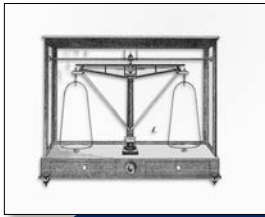


Albert Sauter, Managing Director
SAUTER measuring equipment



Tradition and innovation for more than 170 years

An independent family business, KERN since already 7 generations is synonymous with quality and reliability in customer service.



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/EU)



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

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DAkKS Calibration laboratory
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