

PARCEL SCALES/ PLATFORM SCALES/ ROLLER CONVEYOR

2017



PROFESSIONAL
MEASURING



KERN Pictograms

	Internal adjusting: Quick setting up of the balance's accuracy with internal adjusting weight (motordriven).		Piece counting: Reference quantities selectable. Display can be switched from piece to weight.		Rechargeable battery pack: Rechargeable set.
	Adjusting program CAL: For quick setting up of the balance's accuracy. External adjusting weight required.		Recipe level A: Separate memory for the weight of the tare container and the recipe ingredients (net total).		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
	Memory: Balance memory capacity, e.g. for article data, weighing data, tare weights, PLU etc.		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.
	Alibi memory: Electronic archiving of weighing results, complying with the 2009/23/EC standard. For details see page 199		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.
	Data interface RS-232: To connect the balance to a printer, PC or network.		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.
	RS-485 data interface: To connect the balance to a printer, PC or other peripherals. High tolerance against electromagnetic disturbance.		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.
	USB data interface: To connect 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.
	Bluetooth* data interface: To transfer data from the balance to a printer, PC or other peripherals.		Weighing with tolerance range: Upper and lower limiting values can be programmed individually for e.g. dosing, sorting and portioning		Weighing principle: Single cell technology Advanced version of the force compensation principle with the highest level of precision.
	WLAN data interface: To transfer data from the balance to a printer, PC or other peripherals.		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.
	Control outputs (optocoupler, digital I/O): To connect relays, signal lamps, valves, etc.		Protection against dust and water splashes IPxx: The type of protection is shown in the pictogram. For details see page 56.		DAKkS calibration possible (DKD): The time required for DAKkS calibration is shown in days in the pictogram.
	Interface for second balance: For direct connection of a second balance.		ATEX explosion protection: Suitable for use in hazardous industrial environments, in which there is explosion danger. The ATEX marking is specified for each device.		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. With KERN products you can use a universal RS-232/LAN converter. See page 166		Stainless steel: The balance is protected against corrosion.		Pallet shipment: The time required for internal shipping preparations is shown in days in the pictogram.
	Wireless data transfer: between the weighing unit and the evaluation unit using an integrated radio module.		Suspended weighing: Load support with hook on the underside of the balance.		Warranty: The warranty period is shown in the pictogram.
	GLP/ISO log: The balance displays the weight, date and time, regardless of a printer connection.		Battery operation: Ready for battery operation. The battery type is specified for each device.		
	GLP/ISO log: With weight, date and time. Only with KERN printers, see "Accessories", see page 163.				



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 – ordered today, on its way tomorrow
- Sales & service hotline available from 8:00 am to 6:00 pm

reliable


- 3 years warranty for balances over € 400,-
- Precision in weighing technology for more than 170 years


competent

- DAkkS accreditation DIN EN ISO/IEC 17025
- Certified QM system DIN EN ISO 9001:2008
- 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 floor scales – 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**
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 **Calibration hotline**
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 **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

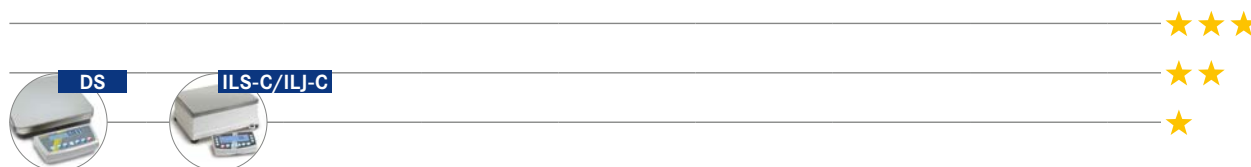
 **Fax order**
+49 [0] 7433 9933-146

 **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.

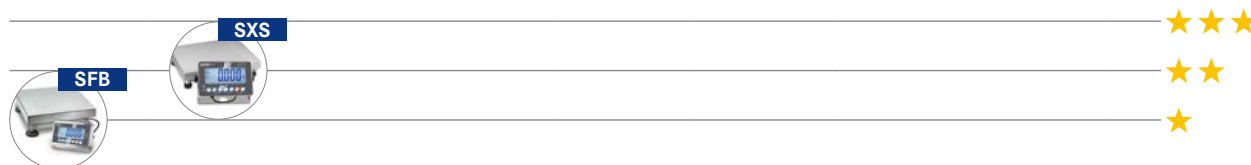
Platform scales

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

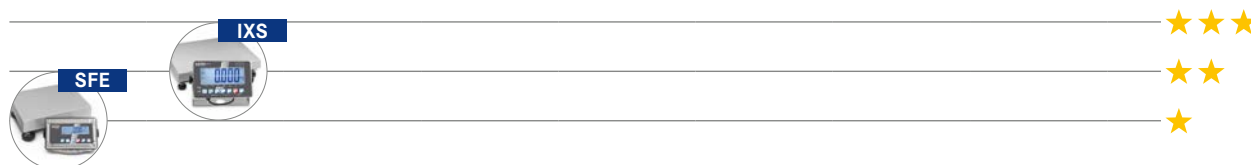
PRECISION PLATFORM SCALES



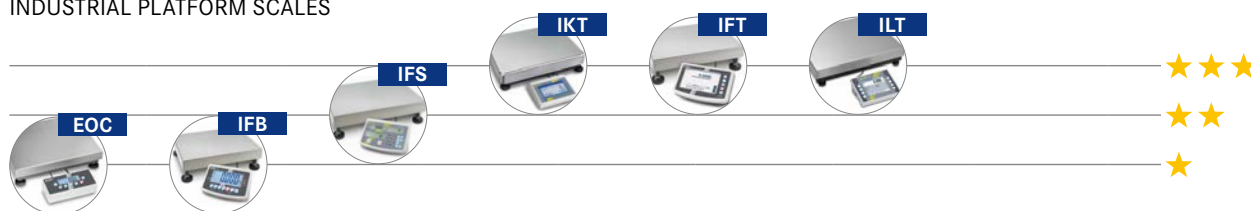
STAINLESS STEEL PLATFORM SCALES



IP PROTECTED PLATFORM SCALES



INDUSTRIAL PLATFORM SCALES



PARCEL SCALES



Your product specialist's recommendation:

-  **The new bestseller in platform scales**
-  **Easy to use**
-  **Robust finish**



Stephan Ade
Product specialist Platform scales

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Fax +49 [0] 7433 9933-29121
ade@kern-sohn.com


HIGH-LIGHT

from € **290,-**

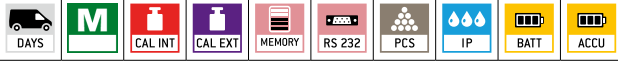
► page 96/97

KERN EOC

Quick-Finder Platform scales

Read-out [d]	Weighing range [Max]	Weighing plate WxD mm	Model KERN	Price excl. of VAT ex works €	Page											
						For an explanation on the pictos, see the front flap										
0,01 g	3 kg	228x228x90	DS 3K0.01S	640,-	99	1	○		●		●	●	●		○	
0,01 g	3 kg	228x228x90	IKT 3K0.01S	920,-	105	1	○		●	●	●	●	●		○	
0,01 g	10 kg	347x259x24	ILT 10K-5NM	5500,-	108	21	○	●		●	●	●	●		○	
0,05 g	5 kg	228x228x90	DS 5K0.05S	560,-	99	1	○		●	●	●	●	●		○	
0,05 g	8 kg	308x318x75	DS 8K0.05	550,-	99	1	○		●	●	●	●	●		○	
0,05 g	8 kg	318x308x75	IKT 8K0.05	850,-	105	1	○		●	●	●	●	●		○	
0,1 g	6 kg	315x308x75	IKT 6K0.1	830,-	105	1	○		●	●	●	●	●		○	
0,1 g	6 kg	195x195x7	ILT 6K-4BAM	2200,-	108	21	○		●	●	●	●	●		○	
0,1 g	10 kg	228x228x90	DS 10K0.1S	530,-	99	1	○		●	●	●	●	●		○	
0,1 g	10 kg	228x228x70	IKT 10K0.1S	850,-	105	1	○		●	●	●	●	●		○	
0,1 g	16 kg	308x318x75	DS 16K0.1	550,-	99	1	○		●	●	●	●	●		○	
0,1 g	16 kg	318x308x75	IKT 16K0.1	850,-	105	1	○		●	●	●	●	●		○	
0,1 g	20 kg	308x318x75	DS 20K0.1	580,-	99	1	○		●	●	●	●	●		○	
0,1 g	25 kg	347x260x27	ILJ 25K-4CM	2050,-	109	1	○	●		●	●	●	●		○	
0,1 g	30 kg	308x318x75	DS 30K0.1	610,-	99	1	○		●	●	●	●	●		○	
0,1 g	30 kg	450x350x115	DS 30K0.1L	720,-	99	1	○		●	●	●	●	●		○	
0,1 g	30 kg	318x308x75	IKT 30K0.1	850,-	105	1	○		●	●	●	●	●		○	
0,1 g	30 kg	450x350x115	IKT 30K0.1L	1150,-	105	1	○		●	●	●	●	●		○	
0,1 g	30 kg	347x259x26	ILS 30K-4C	1790,-	109	1	○		●	●	●	●	●		○	
0,1 g	35 kg	347x259x24	ILT 35K-4NM	4690,-	108	21	○	●		●	●	●	●		○	
0,1 g	50 kg	347x259x24	ILT 50K-4C	5500,-	108	21	○	●		●	●	●	●		○	
0,1 g	50 kg	348x260x28	ILS 50K-4C	2330,-	109	1	○		●	●	●	●	●		○	
0,2 g	6 kg	300x240x86	IXS 6K-4	520,-	103	1	○		●	○	●	●	●		○	
0,2 g	6 kg	300x240x110	IFB 6K-4	320,-	98	1	○		●	●	●	●	●		○	
0,2 g	12 kg	318x308x75	IKT 12K0.2	830,-	105	1	○		●	●	●	●	●		○	
0,2 g	36 kg	308x318x75	DS 36K0.2	550,-	99	1	○		●	●	●	●	●		○	
0,2 g	36 kg	450x350x115	DS 36K0.2L	660,-	99	1	○		●	●	●	●	●		○	
0,2 g	36 kg	318x308x75	IKT 36K0.2	850,-	105	1	○		●	●	●	●	●		○	
0,2 g	36 kg	450x350x115	IKT 36K0.2L	1050,-	105	1	○		●	●	●	●	●		○	
0,2 g	60 kg	450x350x115	DS 60K0.2	740,-	99	1	○		●	●	●	●	●		○	
0,2 g	60 kg	450x350x115	IKT 60K0.2L	1120,-	105	1	○		●	●	●	●	●		○	
0,2 0,5 g	6 15 kg	318x308x85	DE 15K0.2D	335,-	95	1			●	●	●	●	●		○	
0,2 0,5 g	6 15 kg	300x300x100	EOC 10K-4	390,-	97	1			●	●	●	●	●		○	
0,5 g	6 kg	300x300x100	EOC 6K-4A	350,-	97	1			●	●	●	●	●		○	
0,5 g	6 kg	318x308x75	DE 6K0.5A	215,-	95	1			●	●	●	●	●		○	
0,5 g	15 kg	300x240x105	IFB 10K-4	320,-	98	1	○		●	●	●	●	●		○	
0,5 g	15 kg	400x300x128	IFB 10K-4L	390,-	98	1	○		●	●	●	●	●		○	
0,5 g	15 kg	300x240x86	IXS 10K-4	520,-	103	1	○		●	○	●	●	●		○	
0,5 g	15 kg	400x300x89	IXS 10K-4L	720,-	103	1	○		●	○	●	●	●		○	
0,5 g	30 kg	318x308x75	IKT 30K0.5	830,-	105	1	○		●	●	●	●	●		○	
0,5 g	65 kg	450x350x115	DS 65K0.5	700,-	99	1	○		●	●	●	●	●		○	
0,5 g	65 kg	450x350x115	IKT 65K0.5L	1050,-	105	1	○		●	●	●	●	●		○	
0,5 g	100 kg	450x350x115	DS 100K0.5	740,-	99	1	○		●	●	●	●	●		○	
0,5 g	100 kg	450x350x115	IKT 100K0.5L	1150,-	105	1	○		●	●	●	●	●		○	
0,5 1 g	15 35 kg	318x308x85	DE 35K0.5D	335,-	95	1			●	●	●	●	●		○	
0,5 1 g	15 35 kg	500x400x120	EOC 30K-4	450,-	97	1			●	●	●	●	●		○	
1 g	6 kg	318x308x75	IKT 6K1M	990,-	105	1	○		●	●	●	●	●		○	
1 g	12 kg	318x308x75	DE 12K1A	215,-	95	1			●	●	●	●	●		○	
1 g	12 kg	300x300x100	EOC 10K-3A	350,-	97	1			●	●	●	●	●		○	
1 g	30 kg	400x300x120	IFB 30K-3	390,-	98	1	○		●	●	●	●	●		○	
1 g	30 kg	400x300x89	IXS 30K-3	590,-	103	1	○		●	○	●	●	●		○	
1 g	30 kg	500x400x123	IXS 30K-3L	720,-	103	1	○		●	○	●	●	●		○	
1 g	60 kg	450x350x115	IKT 60K1L	1050,-	105	1	○		●	●	●	●	●		○	
1 g	60 kg	503x403x51	ILT 60K-3BAM	2400,-	108	21	○		●	●	●	●	●		○	
1 g	65 kg	450x350x115	DS 65K1M	790,-	99	1	○		●	●	●	●	●		○	
1 g	150 kg	450x350x115	DS 150K1	740,-	99	1	○		●	●	●	●	●		○	
1 g	150 kg	450x350x115	IKT 150K1L	1150,-	105	1	○		●	●	●	●	●		○	
1 2 g	3 6 kg	318x308x75	DE 6K1D	185,-	95	1			●	●	●	●	●		○	
1 2 g	3 6 kg	300x300x100	EOC 6K-3	310,-	97	1			●	●	●	●	●		○	
1 2 g	3 6 kg	300x240x110	IFB 6K1DM	335,-	98	1	○		●	●	●	●	●		○	
1 2 g	3 6 kg	300x240x86	IXS 6K-3M	520,-	103	1	○		●	○	●	●	●		○	
1 2 g	3 6 kg	300x240x100	IFT 6K-3M	1440,-	107	3			●	●	●	●	●		○	
1 2 g	3 6 kg	230x230x100	ILT 6K-3GAM	2200,-	108	21	○		●	●	●	●	●		○	
1 2 g	30 60 kg	318x308x85	DE 60K1D	335,-	95	1			●	●	●	●	●		○	
1 2 g	30 60 kg	300x300x110	EOC 60K-3	390,-	97	1			●	●	●	●	●		○	
1 2 g	30 60 kg	522x406x100	DE 60K1DL	435,-	95	1			●	●	●	●	●		○	
1 2 g	30 60 kg	500x400x120	EOC 60K-3L	450,-	97	1			●	●	●	●	●		○	
2 g	6 kg	300x240x110	SFE 6K-3NM	390,-	100	1	○		●	●	●	●	●		○	
2 g	12 kg	318x308x75	IKT 12K2M	990,-	105	1	○		●	●	●	●	●		○	
2 g	24 kg	318x308x75	DE 24K2A	215,-	95	1			●	●	●	●	●		○	
2 g	24 kg	300x300x100	EOC 20K-3A	350,-	97	1			●	●	●	●	●		○	
2 g	60 kg	500x400x123	IXS 60K-3L	720,-	103	1	○		●	○	●	●	●		○	

Quick-Finder Platform scales

Read-out [d]	Weighing range [Max]	Weighing plate WxD mm	Model KERN	Price excl. of VAT ex works €	Page											
						For an explanation on the pictos, see the front flap										
2 g	60 kg	400×300×128	IFB 60K-3	390,-	98	1	○		●		●	●	●	○		
2 g	60 kg	500×400×130	IFB 60K-3L	490,-	98	1	○		●		●	●	●	○		
2 g	60 kg	400×300×89	IXS 60K-3	590,-	103	1	○		●		○	●	●	○		
2 g	120 kg	450×350×115	IKT 120K2L	1050,-	105	1	○		●	●	●	●	○			
2 g	150 kg	650×500×142	IKT 150K2XL	1200,-	105	1	○		●	●	●	●	○			
2 5 g	6 15 kg	318×308×75	DE 15K2D	185,-	95	1			●		●	●	●	○		
2 5 g	6 12 kg	300×300×100	EOC 10K-3	310,-	97	1			●		●	●	○			
2 5 g	6 15 kg	300×240×110	IFB 15K2DM	335,-	98	1	○		●		●	●	●	○		
2 5 g	6 15 kg	400×300×128	IFB 15K2DLM	400,-	98	1	○		●		●	●	●	○		
2 5 g	6 15 kg	300×240×86	IXS 10K-3M	520,-	103	1	○		●		○	●	●	○		
2 5 g	6 15 kg	400×300×89	IXS 10K-3LM	590,-	103	1	○		●		○	●	●	○		
2 5 g	6 15 kg	300×240×100	IFT 10K-3M	1390,-	107	3			●	●	●	●	○			
2 5 g	6 15 kg	400×300×128	IFT 10K-3LM	1490,-	107	3			●	●	●	●	○			
2 5 g	6 15 kg	300×240×100	ILT 10K-3GAM	1900,-	108	21	○		●	●	●	●	○			
2 5 g	6 15 kg	400×300×128	ILT 10K-3LGAM	2000,-	108	21	○		●	●	●	●	○			
5 g	15 kg	315×305×30	EOA 10K-3	110,-	88	1			●				●			
5 g	15 kg	300×300×65	EOE 10K-3-2017	130,-	89	1			●				●			
5 g	15 kg	300×300×65	EOB 15K5-2017	145,-	90	1			●				●			
5 g	15 kg	315×305×65	EOE 10K-3	135,-	91	1			●				●			
5 g	15 kg	315×305×55	EOB 15K5	152,-	92	1			●				●			
5 g	15 kg	300×240×110	SFE 15K5IPM	380,-	100	1	○		●			●	●			
5 g	15 kg	400×300×128	SFE 10K-3LNM	440,-	100	1	○		●			●	●			
5 g	30 kg	318×308×75	IKT 30K5M	1010,-	105	1	○		●	●	●	●	○			
5 g	60 kg	318×308×75	DE 60K5A	215,-	95	1			●		●	●	●	○		
5 g	60 kg	300×300×110	EOC 60K-3A	350,-	97	1			●		●	●	○			
5 g	150 kg	500×400×137	IFB 100K-3	490,-	98	1	○		●		●	●	○			
5 g	150 kg	650×500×142	IFB 100K-3L	690,-	98	1	○		●		●	●	○			
5 g	150 kg	650×500×133,5	IXS 100K-3L	790,-	103	1	○		●		○	●	●	○		
5 g	150 kg	500×400×123	IXS 100K-3	720,-	103	1	○		●		○	●	○			
5 g	300 kg	650×500×142	IKT 300K5XL	1200,-	105	1	○		●	●	●	●	○			
5 10 g	15 30 kg	300×300×110	EOC 30K-3	310,-	97	1			●		●	●	○			
5 10 g	15 30 kg	400×300×120	IFB 30K5DM	400,-	98	1	○		●		●	●	○			
5 10 g	15 30 kg	400×300×89	IXS 30K-2M	590,-	103	1	○		●		○	●	○			
5 10 g	15 30 kg	500×400×123	IXS 30K-2LM	720,-	103	1	○		●		○	●	○			
5 10 g	15 30 kg	400×300×128	IFT 30K-3M	1490,-	107	3			●	●	●	●	○			
5 10 g	15 30 kg	400×300×118	ILT 30K-2GAM	2200,-	108	21	○		●	●	●	●	○			
5 10 g	15 35 kg	318×308×75	DE 35K5D	185,-	95	1			●		●	●	○			
5 10 g	15 35 kg	522×403×90	DE 35K5DL	315,-	95	1			●		●	●	○			
5 10 g	15 35 kg	500×400×120	EOC 30K-3L	390,-	97	1			●		●	●	○			
5 10 g	150 300 kg	522×406×100	DE 300K5DL	435,-	95	1			●		●	●	○			
5 10 g	150 300 kg	500×400×120	EOC 300K-3	450,-	97	1			●		●	●	○			
10 g	35 kg	315×305×30	EOA 30K-2	110,-	88	1			●				●			
10 g	35 kg	300×300×65	EOE 30K-2-2017	130,-	89	1			●				●			
10 g	35 kg	300×300×65	EOB 35K10-2017	145,-	90	1			●				●			
10 g	35 kg	315×305×65	EOE 30K-2	135,-	91	1			●				●			
10 g	35 kg	315×305×55	EOB 35K10	152,-	92	1			●				●			
10 g	35 kg	315×305×55	EOB 35K-2F	210,-	93	1			●				●			
10 g	30 kg	300×240×110	SFE 30K-2NM	380,-	100	1	○		●			●	●			
10 g	60 kg	450×355×110	IKT 60K10LM	1250,-	105	1	○		●	●	●	●	○			
10 g	120 kg	318×308×75	DE 120K10A	215,-	95	1			●		●	●	○			
10 g	120 kg	500×400×120	EOC 100K-2A	390,-	97	1			●		●	●	○			
10 g	300 kg	650×500×142	IFB 300K-2	690,-	98	1	○		●		●	●	○			
10 g	300 kg	650×500×133,5	IXS 300K-2	790,-	103	1	○		●		○	●	○			
10 20 g	30 60 kg	318×308×75	DE 60K10D	185,-	95	1			●		●	●	○			
10 20 g	30 60 kg	522×403×90	DE 60K10DL	315,-	95	1			●		●	●	○			
10 20 g	30 60 kg	300×300×110	EOC 60K-2	310,-	97	1			●		●	●	○			
10 20 g	30 60 kg	500×400×120	EOC 60K-2L	390,-	97	1			●		●	●	○			
10 20 g	30 60 kg	400×300×120	IFB 60K10DM	410,-	98	1	○		●		●	●	○			
10 20 g	30 60 kg	500×400×130	IFB 60K10DLM	505,-	98	1	○		●		●	●	○			
10 20 g	30 60 kg	400×300×89	IXS 60K-2M	590,-	103	1	○		●		○	●	○			
10 20 g	30 60 kg	500×400×123	IXS 60K-2LM	720,-	103	1	○		●		○	●	○			
10 20 g	30 60 kg	400×300×128	IFT 60K-2M	1490,-	107	3			●	●	●	●	○			
10 20 g	30 60 kg	500×400×137	IFT 60K-2LM	1590,-	107	3			●	●	●	●	○			
10 20 g	30 60 kg	500×400×137	ILT 60K-2LGAM	2150,-	108	21	○		●	●	●	●	○			
10 20 g	30 60 kg	400×300×118	ILT 60K-2GAM	2200,-	108	21	○		●	●	●	●	○			
20 g	60 kg	315×305×30	EOA 50K-2	110,-	88	1			●				●			
20 g	60 kg	300×300×65	EOE 60K-2-2017	130,-	89	1			●				●			
20 g	60 kg	550×550×65	EOE 60K-2L-2017	265,-	89	1			●				●			
20 g	60 kg	300×300×65	EOB 60K20-2017	145,-	90	1			●				●			
20 g	60 kg	550×550×65	EOB 60K20L-2017	330,-	90	1			●				●			
20 g	60 kg	315×305×65	EOE 60K-2	135,-	91	1			●				●			
20 g	60 kg	315×305×55	EOB 60K20	152,-	92	1			●				●			

Quick-Finder Platform scales

Read-out [d]	Weighing range [Max]	Weighing plate WxD mm	Model KERN	Price excl. of VAT ex works €	Page	 For an explanation on the pictos, see the front flap												
						DAYS	M	CAL INT	CAL EXT	MEMORY	RS 232	PCS	IP	BATT	ACCU			
20 g	60 kg	550×550×75	EOB 60K20L	350,-	92	1				●								●
20 g	60 kg	315×305×55	EOB 60K-2F	215,-	93	1				●								●
20 g	60 kg	550×550×65	EOB 60K-2LF	430,-	93	1				●								●
20 g	60 kg	400×300×128	SFE 60K-2NM	430,-	100	1		○		●							●	●
20 g	60 kg	500×400×137	SFE 60K-2LNM	550,-	100	1		○		●							●	●
20 g	120 kg	450×350×115	IKT 120K20LM	1250,-	105	1		○		●		●						○
20 g	600 kg	800×600×200	IFB 600K-2	750,-	98	2		○		●		●					●	○
20 50 g	60 150 kg	318×308×75	DE 150K20D	195,-	95	1				●		●					●	○
20 50 g	60 150 kg	522×403×90	DE 150K20DL	315,-	95	1				●		●					●	○
20 50 g	60 150 kg	318×308×85	DE 150K2D	340,-	95	1				●		●					●	○
20 50 g	60 150 kg	650×500×105	DE 150K20DXL	410,-	95	1				●		●					●	○
20 50 g	60 150 kg	522×406×100	DE 150K2DL	435,-	95	1				●		●					●	○
20 50 g	60 150 kg	300×300×110	EOC 100K-2	310,-	97	1				●		●					●	○
20 50 g	60 150 kg	500×400×120	EOC 100K-2L	390,-	97	1				●		●					●	○
20 50 g	60 150 kg	300×300×110	EOC 100K-3	390,-	97	1				●		●					●	○
20 50 g	60 150 kg	500×400×120	EOC 100K-3L	450,-	97	1				●		●					●	○
20 50 g	60 150 kg	600×500×150	EOC 100K-2XL	520,-	97	1				●		●					●	○
20 50 g	60 150 kg	950×500×60	EOC 100K-2XXL	540,-	97	1				●		●					●	○
20 50 g	60 150 kg	500×400×130	IFB 150K20DM	505,-	98	1		○		●		●					●	○
20 50 g	60 150 kg	650×500×142	IFB 150K20DLM	665,-	98	1		○		●		●					●	○
20 50 g	60 150 kg	500×400×123	IXS 100K-2M	720,-	103	1		○		●		○					●	○
20 50 g	60 150 kg	650×500×133,5	IXS 100K-2LM	790,-	103	1		○		●		○					●	○
20 50 g	60 150 kg	500×400×137	IFT 100K-2M	1490,-	107	3				●		●					●	○
20 50 g	60 150 kg	650×500×142	IFT 100K-2LM	1750,-	107	3				●		●					●	○
20 50 g	60 150 kg	500×400×137	ILT 100K-2GAM	2100,-	108	21		○		●		●					●	○
20 50 g	60 150 kg	650×500×142	ILT 100K-2LGAM	2200,-	108	21		○		●		●					●	○
50 g	150 kg	315×305×30	EOA 100K-2	110,-	88	1				●								●
50 g	150 kg	300×300×65	EOE 100K-2-2017	130,-	89	1				●								●
50 g	150 kg	550×550×65	EOE 150K50L-2017	265,-	89	1				●								●
50 g	150 kg	950×500×65	EOE 150K50XL-2017	310,-	89	1				●								●
50 g	150 kg	300×300×65	EOB 150K50-2017	145,-	90	1				●								●
50 g	150 kg	550×550×65	EOB 150K50L-2017	330,-	90	1				●								●
50 g	150 kg	950×500×65	EOB 150K50XL-2017	390,-	90	1				●								●
50 g	150 kg	950×500×65	EOS 150K50XL-2017	430,-	90	1				●								●
50 g	150 kg	315×305×65	EOE 100K-2	135,-	91	1				●								●
50 g	150 kg	505×505×65	EOE 150K50L	270,-	91	1				●								●
50 g	150 kg	945×505×65	EOE 150K50XL	315,-	91	1				●								●
50 g	150 kg	315×305×55	EOB 150K50	152,-	92	1				●								●
50 g	150 kg	550×550×75	EOB 150K50L	350,-	92	1				●								●
50 g	150 kg	945×505×65	EOB 150K50XL	400,-	92	1				●								●
50 g	150 kg	900×550×60	EOS 150K50XL	440,-	92	1				●								●
50 g	150 kg	315×305×65	EOB 150K-2F	215,-	93	1				●								●
50 g	150 kg	550×550×65	EOB 150K-2LF	430,-	93	1				●								●
50 g	150 kg	900×550×60	EOS 150K50XLF	510,-	93	1				●								●
50 g	150 kg	400×300×125	SFE 100K-2M	450,-	100	1		○		●							●	○
50 g	150 kg	500×400×300	SFE 100K-2LM	550,-	100	1		○		●							●	○
50 g	150 kg	650×500×132	SFE 100K-2XLNM	770,-	100	1		○		●							●	○
50 100 g	150 300 kg	522×403×90	DE 300K50D	315,-	95	1				●		●					●	○
50 100 g	150 300 kg	650×500×105	DE 300K50DL	410,-	95	1				●		●					●	○
50 100 g	150 300 kg	500×400×120	EOC 300K-2	390,-	97	1				●		●					●	○
50 100 g	150 300 kg	600×500×150	EOC 300K-2L	520,-	97	1				●		●					●	○
50 100 g	150 300 kg	650×500×142	IFB 300K50DM	665,-	98	1		○		●		●					●	○
50 100 g	150 300 kg	650×500×133,5	IXS 300K-2M	790,-	103	1		○		●		○					●	○
50 100 g	150 300 kg	650×500×142	IFT 300K-2LM	1790,-	107	3				●		●					●	○
50 100 g	150 300 kg	650×500×142	ILT 300K-2GAM	2200,-	108	21		○		●		●					●	○
100 g	300 kg	300×300×65	EOE 300K100-2017	135,-	89	1				●								●
100 g	300 kg	550×550×65	EOE 300K100L-2017	265,-	89	1				●								●
100 g	300 kg	950×500×65	EOE 300K100XL-2017	310,-	89	1				●								●
100 g	300 kg	300×300×65	EOB 300K100A-2017	145,-	90	1				●								●
100 g	300 kg	550×550×65	EOB 300K100L-2017	330,-	90	1				●								●
100 g	300 kg	950×500×65	EOB 300K100XL-2017	390,-	90	1				●								●
100 g	300 kg	950×500×65	EOS 300K100XL-2017	430,-	90	1				●								●
100 g	300 kg	505×505×65	EOE 300K100L	270,-	91	1				●								●
100 g	300 kg	945×505×65	EOE 300K100XL	315,-	91	1				●								●
100 g	300 kg	315×305×55	EOB 300K100A	152,-	92	1				●								●
100 g	300 kg	550×550×75	EOB 300K100L	350,-	92	1				●								●
100 g	300 kg	945×505×65	EOB 300K100XL	400,-	92	1				●								●
100 g	300 kg	900×550×60	EOS 300K100XL	440,-	92	1				●								●
100 g	300 kg	550×550×65	EOB 300K-1LF	440,-	93	1				●								●
100 g	300 kg	900×550×60	EOS 300K100XLF	510,-	93	1				●								●
100 g	300 kg	650×500×142	SFE 300K-1LNM	760,-	100	1		○		●							●	○
100 200 g	300 600 kg	800×600×200	IFB 600K-1M	890,-	98	2		○		●		●					●	○

NEW 2017

● = standard ○ = option



NEW



The ideal combination of determining weight on conveyors:
High-quality roller conveyors with ball bearings in combination with KERN platform scales

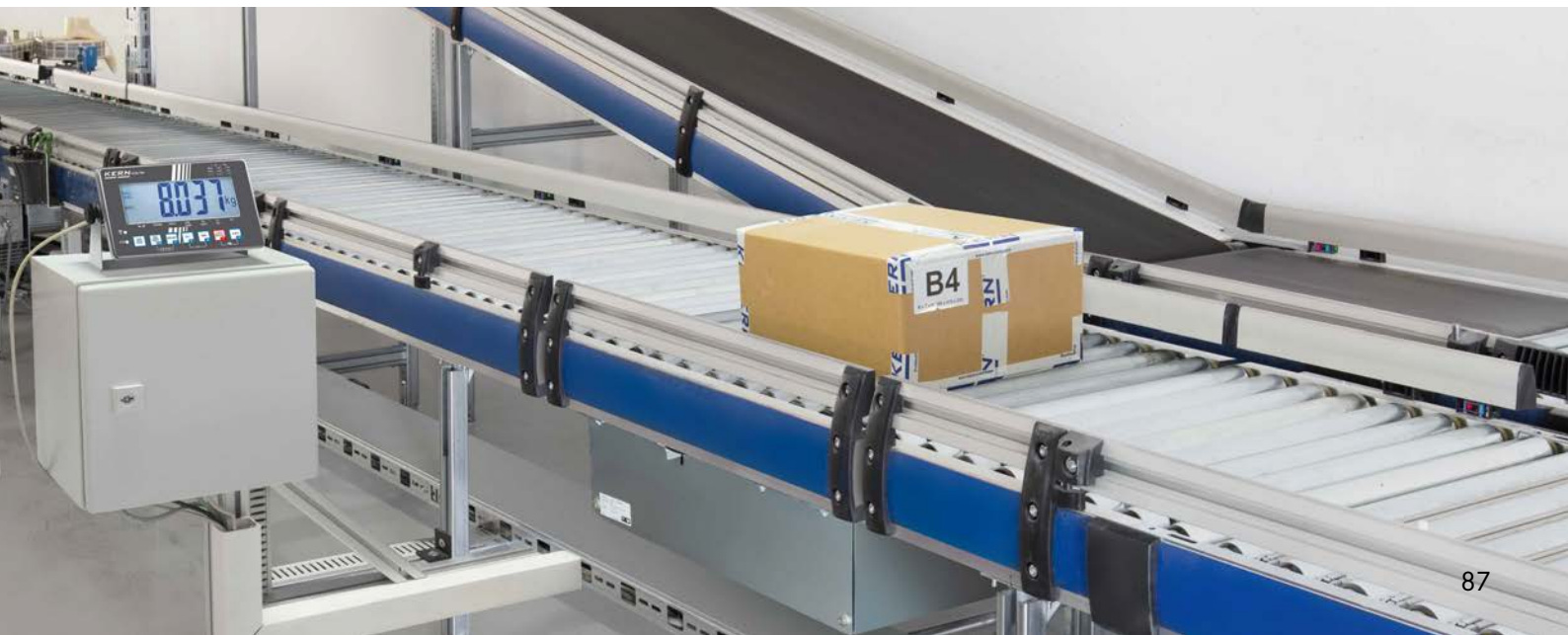
Features

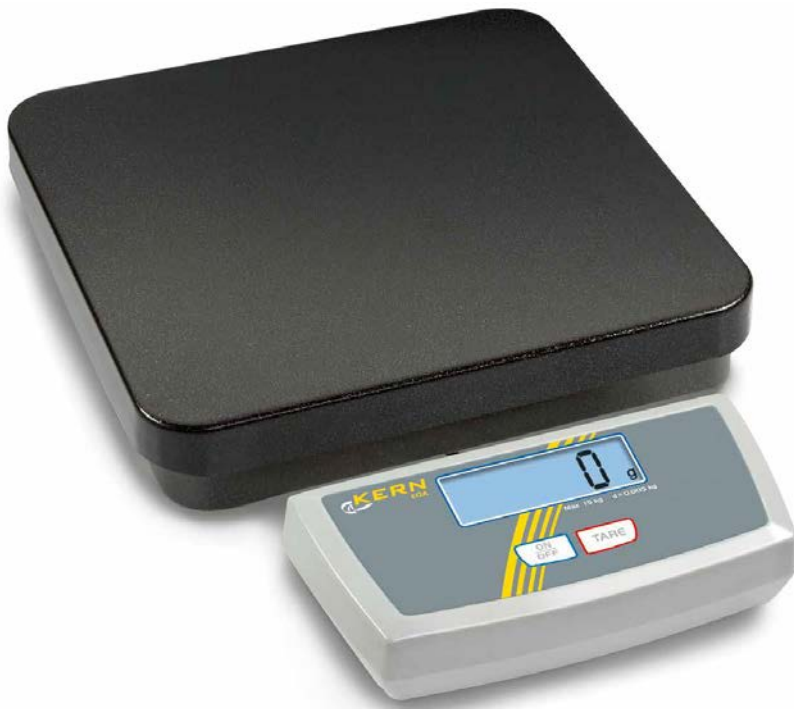
- Through the **smooth-running KERN roller conveyor attachments**, KERN YRO, you can convert your platform scale into a **robust measuring system** for rapid and flexible weight determination in conveyor applications
- Especially **suitable for use in production and dispatch lines** where time means money. The goods or packages can either be weighed as they pass over the balance or, at fixed stations, heavy goods can easily be pushed onto the scale thanks to the roller conveyor and moved onto the connected roller conveyor
- **Simply connect the roller conveyor attachment to a platform** (e.g. KERN KFP, KXP, SXS, IXS, IFB, IFS) – done!
- **Robust aluminium profile frame.** The modular design means that you can **easily disassemble it for cleaning** or to replace individual components
- **Smooth-running, hot-dip galvanised steel rollers with ball bearings**
- **Conductive rollers** (suitable for use in hazardous areas)
- Suitable for use in **dry environments**

Technical data

- Roller distance approx. 30 mm
- Direction of movement is lengthways
- Total dimensions: W×D×H
YRO-01: 405×305×130 mm, suitable for platforms with weighing plate sizes W×D 400×300 mm
YRO-02: 505×405×130 mm, suitable for platforms with weighing plate sizes W×D 500×400 mm
YRO-03: 655×505×130 mm, suitable for platforms with weighing plate sizes W×D 650×500 mm
- Total net weight approx. YRO-01: 6 kg, YRO-02: 8 kg, YRO-03: 12 kg
- Scope of delivery: 1 roller conveyor attachment (without scale)
- Price excl. of VAT, ex works:
KERN YRO-01, € 660,-
KERN YRO-02, € 680,-
KERN YRO-03, € 910,-

09





Compact parcel scale 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
- **Simple and convenient 2-key operation**
- **Adjusting program CAL** for quick setting of the balance accuracy, external test weights at an additional price

Technical data

- Large LCD display, digit height 25 mm
- Weighing plate dimensions, steel, painted, W×D×H 315×305×30 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 standard. Can be re-ordered, scope of delivery: 5 items, KERN DE-A12S05, **€ 30,-**
- **External universal mains adapter**, with universal input and optional input socket adapters for EU, GB, USA, not included, KERN YKA-06, **€ 36,-**

STANDARD OPTION

CAL EXT	BATT	DMS	1 DAY	2 YEARS WARRANTY	MULTI	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	
KERN						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,-



Modern parcel scale 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 backlit LCD display, digit height 25 mm
- Weighing plate dimensions, steel, painted, W×D×H 300×300×65 mm
- Dimensions of display device W×D×H 235×114×51 mm
- Ready for use: Batteries included, 4×1.5 V AA, operating time up to 100 h
- Permissible ambient temperature 5 °C/35 °C

Accessories

- **Protective working cover** over the display device standard. Can be re-ordered, scope of delivery: 5 items, KERN EOB-A02S05-2017, **€ 30,-**
- **Stand** to elevate display device, can be retrofitted, 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. 1000 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, not included, KERN YKA-16, **€ 40,-**

09

STANDARD

CAL EXT UNIT MOVE BATT DMS 1 DAY 2 YEARS WARRANTY

OPTION

B MULTI 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
KERN									
EOE 10K-3-2017	15	5	5	A	3,8	1,8	130,-	963-128	88,-
EOE 30K-2-2017	35	10	10	A	3,8	1,8	130,-	963-128	88,-
EOE 60K-2-2017	60	20	20	A	3,8	1,8	130,-	963-129	105,-
EOE 60K-2L-2017	60	20	20	B	13	2,7	265,-	963-129	105,-
EOE 100K-2-2017	150	50	50	A	3,8	1,8	130,-	963-129	105,-
EOE 150K50L-2017	150	50	50	B	13	2,7	265,-	963-129	105,-
EOE 150K50XL-2017	150	50	50	C	18	2,7	310,-	963-129	105,-
EOE 300K100-2017	300	100	100	A	3,8	1,8	135,-	963-129	105,-
EOE 300K100L-2017	300	100	100	B	13	2,7	265,-	963-129	105,-
EOE 300K100XL-2017	300	100	100	C	18	2,7	310,-	963-129	105,-

NEW



KERN EOB-2017



KERN EOS-2017

Modern parcel and veterinary scales, 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

Technical data

- Large LCD display, digit height 25 mm
- Weighing plate dimensions W×D×H
 - A 300×300×65 mm
 - B 550×550×65 mm
 - C 550×550×65 mm
 - D 950×500×65 mm
 - E 950×500×65 mm
- Dimensions of display device W×D×H 235×114×51 mm
- Cable length of display device approx.
 - A 1,8 m
 - B - D 2,7 m
- Optional battery operation, 4×1.5 V AA not included, operating time up to 60 h
- Permissible ambient temperature 5 °C/35 °C

Accessories

- KERN EOB-2017: **External universal mains adapter**, with universal input and optional input socket adapters for EU, GB, USA, not included, KERN YKA-16, **€ 40,-**
- KERN EOB-2017: **Stand** to elevate display device, can be retrofitted, 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. 1000 mm, can be retrofitted, KERN MWS-A01-2017, **€ 70,-**
- Protective working cover** over the display device standard. Can be re-ordered, scope of delivery: 5 items, KERN EOB-A02S05-2017, **€ 30,-**

STANDARD



OPTION



EOS-2017

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 15K5-2017	15	5	5	± 10	3,8	A	145,-	963-128	88,-
EOB 35K10-2017	35	10	10	± 20	3,8	A	145,-	963-128	88,-
EOB 60K20-2017	60	20	20	± 40	3,8	A	145,-	963-129	105,-
EOB 60K20L-2017	60	20	20	± 40	12	C	330,-	963-129	105,-
EOB 150K50-2017	150	50	50	± 100	3,8	A	145,-	963-129	105,-
EOB 150K50L-2017	150	50	50	± 100	12	B	330,-	963-129	105,-
EOB 300K100XL-2017	300	100	100	± 200	17	D	390,-	963-129	105,-
EOB 300K100A-2017	300	100	100	± 200	3,8	A	145,-	963-129	105,-
EOB 300K100L-2017	300	100	100	± 200	12	C	330,-	963-129	105,-
EOB 150K50XL-2017	150	50	50	± 100	17	E	390,-	963-129	105,-
EOS 150K50XL-2017	150	50	50	± 100	17	D	430,-	963-129	105,-
EOS 300K100XL-2017	300	100	100	± 200	17	D	430,-	963-129	105,-



Parcel scale 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

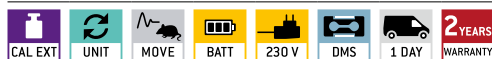
Technical data

- Large LCD display, digit height 25 mm
- Weighing plate dimensions, steel, painted W×D×H
 - A 315×305×65 mm
 - B 505×505×65 mm
 - C 945×505×65 mm
- Dimensions of display device W×D×H 210×110×45 mm
- Ready for use: Batteries included, 6×1.5 V AA, operating time up to 60 h
- Permissible ambient temperature 10 °C/35 °C

Accessories

- **Protective working cover**, can be re-ordered, scope of delivery: 5 items, KERN EOB-A02S05, **€ 46,-**
- **Ascending ramp** incl. pair of base plates for models with weighing plate size B, C, W×D×H 505×507×61 mm, KERN EOE-A02, **€ 135,-**
- **Non-slip rubber mat**, W×D×H 945×505×5 mm, can be retrofitted, KERN EOE-A01, **€ 45,-**
- **Sturdy transport case** to protect and store the scale, dimensions W×D×H 490×390×120 mm, only for models without stand, KERN MPS-A07, **€ 115,-**

STANDARD



OPTION



Model	Weighing range [Max] kg	Readout [d] g	Reproducibility g	Linearity g	Weighing plate	Net weight approx. kg	Cable length approx. m	Price excl. of VAT ex works €	Options	
									DAKKS Calibr. Certificate	€
KERN EOE 10K-3	15	5	5	± 10	A	4	1,8	135,-	963-128	88,-
KERN EOE 30K-2	35	10	10	± 20	A	4	1,8	135,-	963-128	88,-
KERN EOE 60K-2	60	20	20	± 40	A	4	1,8	135,-	963-129	105,-
KERN EOE 100K-2	150	50	50	± 100	A	4	1,8	135,-	963-129	105,-
KERN EOE 150K50L	150	50	50	± 100	B	14	2,7	270,-	963-129	105,-
KERN EOE 150K50XL	150	50	50	± 100	C	19	2,7	315,-	963-129	105,-
KERN EOE 300K100L	300	100	100	± 200	B	13	2,7	270,-	963-129	105,-
KERN EOE 300K100XL	300	100	100	± 200	C	19	2,7	315,-	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

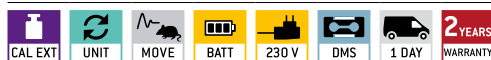
Technical data

- 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**, can be re-ordered, scope of delivery: 5 items, KERN EOB-A02S05, **€ 46,-**
- 1 Stand** to elevate display device, height of stand approx. 950 mm, can be retrofitted, KERN MWS-A01, **€ 180,-**
- KERN EOB: **Non-slip rubber mat**, W×D×H 945×505×5 mm, can be retrofitted, KERN EOE-A01, **€ 45,-**
- 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 EOS: **Non-slip rubber mat**, W×D×H 900×550×5 mm. Can be re-ordered, KERN EOS-A01, **€ 35,-**

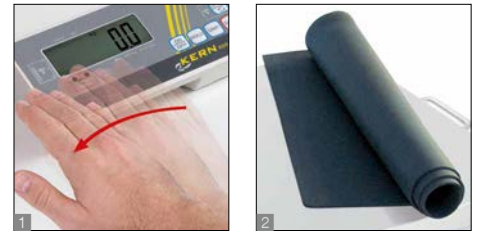
STANDARD



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	4,8	A	152,-	963-128	88,-
EOB 35K10	35	10	10	± 20	4,6	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	350,-	963-129	105,-
EOB 150K50	150	50	50	± 100	4,8	A	152,-	963-129	105,-
EOB 150K50L	150	50	50	± 100	14	B	350,-	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	350,-	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,-



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

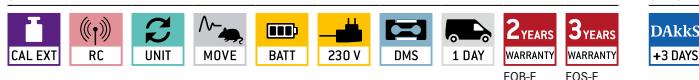
Technical data

- 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**, can be re-ordered, scope of delivery: 5 items, KERN EOB-A02S05, **€ 46,-**
- **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,-**
- **Stand** to elevate display device, height of stand approx. 950 mm, can be retrofitted, KERN MWS-A01, **€ 180,-**
- **KERN EOS-F: Non-slip rubber mat**, W×D×H 900×550×5 mm. Can be re-ordered, 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	430,-	963-129	105,-
EOB 300K-1LF	300	100	100	± 200	B	440,-	963-129	105,-
EOS 150K50XLF	150	50	50	± 100	C	510,-	963-129	105,-
EOS 300K100XLF	300	100	100	± 200	C	510,-	963-129	105,-



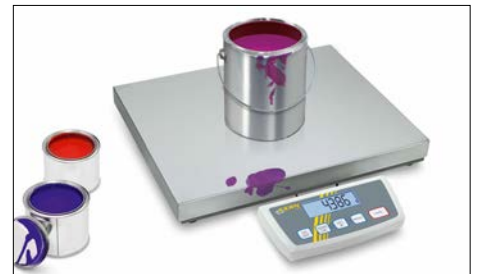
The long lasting story of success with dust and spray protected display device



Determination stock level



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

Technical data

- Large backlit LCD display, digit height 25 mm
- Weighing plate dimensions, stainless steel W×D×H
 - A** 318×308×75 mm
 - B** 318×308×85 mm
 - C** 522×406×100 mm
 - D** 522×403×90 mm
 - E** 650×500×105 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 standard. Can be re-ordered, scope of delivery: 5 items, KERN DE-A12S05, **€ 30,-**
- **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, can be retrofitted, 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 retrofitted, KERN DE-A10, **€ 95,-**
- **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

CAL EXT | RS 232 | PCS | SUM | PERCENT | UNIT | MOVE | IP 65 | BATT | MULTI | DMS | 1 DAY | 2 YEARS WARRANTY | ACCU | DAkkS +3 DAYS

Model	Weighing range [Max] kg	Readout [d] g	Reproducibility g	Linearity g	Smallest part weight [counting] g/piece	Cable length approx m	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options	
										DAkkS	Calibr. Certificate
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	4	1,4	4,8	A	185,-	963-128	88,-
DE 15K2D	6 15	2 5	2 5	± 6 15	10	1,4	4,8	A	185,-	963-128	88,-
DE 35K5D	15 35	5 10	5 10	± 15 30	10	1,4	4,8	A	185,-	963-128	88,-
DE 35K5DL	15 35	5 10	5 10	± 15 30	10	1,4	16	D	315,-	963-128	88,-
DE 60K10D	30 60	10 20	10 20	± 30 60	20	1,4	4,8	A	185,-	963-129	105,-
DE 60K10DL	30 60	10 20	10 20	± 30 60	20	1,4	16	D	315,-	963-129	105,-
DE 150K20D	60 150	20 50	20 50	± 60 150	40	1,5	5,0	A	195,-	963-129	105,-
DE 150K20DL	60 150	20 50	20 50	± 60 150	40	1,5	16	C	315,-	963-129	105,-
DE 150K20DXL	60 150	20 50	20 50	± 60 150	40	1,4	28	E	410,-	963-129	105,-
DE 300K50D	150 300	50 100	50 100	± 150 300	200	1,25	16	D	315,-	963-129	105,-
DE 300K50DL	150 300	50 100	50 100	± 150 300	200	1,05	28	E	410,-	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	0,4	1	4,0	B	335,-	963-128	88,-
DE 35K0.5D	15 35	0,5 1	0,5 1	± 2 4	1	1	7	B	335,-	963-128	88,-
DE 60K1D	30 60	1 2	1 2	± 4 8	2	1,47	7	B	335,-	963-129	105,-
DE 60K1DL	30 60	1 2	1 2	± 4 8	2	1,4	15	C	435,-	963-129	105,-
DE 150K2D	60 150	2 5	2 5	± 8 20	4	1,6	7	B	340,-	963-129	105,-
DE 150K2DL	60 150	2 5	2 5	± 8 20	4	1,4	15	C	435,-	963-129	105,-
DE 300K5DL	150 300	5 10	5 10	± 20 40	10	1,4	15	C	435,-	963-129	105,-

NEW



All-round parcel 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.)
- **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
- **PRE-TARE function** for manual subtraction of a known container weight, useful for checking fill-levels
- **Percentage determination:** makes it possible to store a given weight value (100 %) and to determine deviations from this target value

- **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

Technical data

- Large backlit LCD display, digit height 24 mm
- Weighing plate dimensions WxDxH
 - A 300x300x100 mm
 - B 300x300x110 mm
 - C 500x400x120 mm
 - D 600x500x150 mm
 - E 950x500x60 mm

- Dimensions of display device WxDxH 268x115x80 mm
- Permissible ambient temperature -10 °C/40 °C

Accessories

- **Protective working cover,** scope of delivery: 5 items KERN EOC-A01S05, **€ 40,-**
- **Wall mount** for display device, KERN EOC-A04, **€ 30,-**
- **Stand** to elevate display device, height of stand approx. 330 mm, can be retrofitted, KERN EOC-A05, **€ 60,-**
- **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-A01, **€ 105,-**

STANDARD



OPTION

Model	Weighing range [Max] kg	Readout [d] g	Smallest part weight [counting] g/piece	Cable length mm	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Option	
								DAkkS Calibr. Certificate	€
Dual-range balance switches automatically to the next largest weighing range [Max] and readout [d]									
EOC 6K-3	3 6	1 2	1	3	7	A	310,-	963-128	88,-
EOC 10K-3	6 12	2 5	2	3	7	A	290,-	963-128	88,-
EOC 30K-3	15 35	5 10	5	3	7	A	310,-	963-128	88,-
EOC 30K-3L	15 35	5 10	5	3	11	B	370,-	963-128	88,-
EOC 60K-2	30 60	10 20	5	3	7	A	350,-	963-129	105,-
EOC 60K-2L	30 60	10 20	5	3	11	B	430,-	963-129	105,-
EOC 100K-2	60 150	20 50	5	3	7	A	350,-	963-129	105,-
EOC 100K-2L	60 150	20 50	5	3	11	B	390,-	963-129	105,-
EOC 100K-2XL	60 150	20 50	5	3	24	C	520,-	963-129	105,-
EOC 100K-2XXL	60 150	20 50	5	2,7	16	D	530,-	963-129	105,-
EOC 300K-2	150 300	50 100	5	3	11	B	420,-	963-129	105,-
EOC 300K-2L	150 300	50 100	5	3	24	C	520,-	963-129	105,-
Dual-range balance with high resolution readout									
EOC 6K-4A	6	0,5	0,5	3	7	A	350,-	963-128	88,-
EOC 10K-3A	12	1	1	3	7	A	320,-	963-128	88,-
EOC 20K-3A	24	2	1	3	7	A	370,-	963-128	88,-
EOC 60K-3A	60	5	5	3	7	A	350,-	963-129	105,-
EOC 100K-2A	120	10	5	3	11	B	390,-	963-129	105,-
Dual-range balance with high resolution readout									
EOC 10K-4	6 15	0,2 0,5	2	3	7	A	370,-	963-128	88,-
EOC 30K-4	15 35	0,5 1	5	3	11	B	350,-	963-128	88,-
EOC 60K-3	30 60	1 2	10	3	7	A	310,-	963-129	105,-
EOC 60K-3L	30 60	1 2	5	3	11	B	380,-	963-129	105,-
EOC 100K-3	60 150	2 5	2	3	7	A	370,-	963-129	105,-
EOC 100K-3L	60 150	2 5	2	3	11	B	450,-	963-129	105,-
EOC 300K-3	150 300	5 10	5	3	11	B	390,-	963-129	105,-



- A 300×240×110 mm
- B 400×300×128 mm
- C 500×400×130 mm, see larger picture
- D 650×500×142 mm
- E 800×600×200 mm

- Cable length of display device approx. 3 m
- Permissible ambient temperature - 10 °C/40 °C

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, Platform can also be delivered as component without the display device, for details see KERN KFP V20

- **Benchtop stand incl. wall mount** for display device as standard

Technical data

- Large backlit LCD display, digit height 52 mm
- Weighing plate dimensions, stainless steel W×D×H

Accessories

- **Protective working cover**, can be re-ordered, scope of delivery: 5 items, KERN KFB-A02S05, **€ 35,-**
- **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,-**
- **Stand** to elevate display device, for models with weighing plate size A, B: height of stand approx. 330 mm, KERN IFB-A01, **€ 50,-**
C - E: 2 height of stand approx. 600 mm, KERN IFB-A02, **€ 60,-**
A - D: height of stand approx. 800 mm, KERN BFS-A07, **€ 120,-**
- Further details, plenty of further accessories and suitable printers see *Accessories*

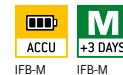
STANDARD



OPTION



FACTORY



Model	Weighing range [Max] kg	Read-out [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-4	6	0,2	-	-	6	A	320,-	-	-	963-128	88,-
IFB 10K-4	15	0,5	-	-	6	A	320,-	-	-	963-128	88,-
IFB 10K-4L	15	0,5	-	-	10	B	390,-	-	-	963-128	88,-
IFB 30K-3	30	1	-	-	10	B	390,-	-	-	963-128	88,-
IFB 60K-3	60	2	-	-	10	B	390,-	-	-	963-129	105,-
IFB 60K-3L	60	2	-	-	13	C	490,-	-	-	963-129	105,-
IFB 100K-3	150	5	-	-	14	C	490,-	-	-	963-129	105,-
IFB 100K-3L	150	5	-	-	22	D	690,-	-	-	963-129	105,-
IFB 300K-2	300	10	-	-	20	D	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	55,-	963-128	88,-
IFB 15K2DM	6 15	2 5	2 5	40 100	6	A	335,-	965-228	55,-	963-128	88,-
IFB 15K2DLM	6 15	2 5	2 5	40 100	10	B	400,-	965-228	55,-	963-128	88,-
IFB 30K5DM	15 30	5 10	5 10	100 200	11	B	400,-	965-228	55,-	963-128	88,-
IFB 60K10DM	30 60	10 20	10 20	40 100	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, also with EC type approval [M] class II

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

- KERN DS: **Freely programmable weighing unit**, e.g. display direct in special units such as length of wire g/m, surface weight g/m², or else

Technical data

- Large backlit LCD display, digit height 18 mm
- Weighing plate dimensions, stainless steel W×D×H
 - A 228×228×90 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
 - KERN DS: 10 °C/40 °C
 - KERN DS-M: 10 °C/30 °C

Accessories

- **Protective working cover** over the display device standard. Can be re-ordered, scope of delivery: 5 items, KERN DE-A12S05, € 30,-
- **1 Stand** to elevate display device, height of stand approx. 480 mm, can be retrofitted, KERN DE-A10, € 95,-
- **Mount to fasten the display device** to the platform, can be retrofitted, 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



FACTORY



Model	Weighing range [Max] kg	Readout [d] g	Verification value [e] g	Minimal load [Min] g	Smallest part weight [counting] g/piece	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options			
									Verification		DAkkS Calibr. Certificate	
									M II KERN	€	DKD KERN	€
DS 3K0.01S	3	0,01	-	-	0,01	4,2	A	640,-	-	-	963-127	72,-
DS 5K0.05S	5	0,05	-	-	0,05	4,2	A	560,-	-	-	963-127	72,-
DS 8K0.05	8	0,05	-	-	0,05	8	B	550,-	-	-	963-128	88,-
DS 10K0.1S	10	0,1	-	-	0,1	4,2	A	530,-	-	-	963-128	88,-
DS 16K0.1	16	0,1	-	-	0,1	8	B	550,-	-	-	963-128	88,-
DS 20K0.1	20	0,1	-	-	0,1	8	B	580,-	-	-	963-128	88,-
DS 30K0.1	30	0,1	-	-	0,1	8	B	610,-	-	-	963-128	88,-
DS 30K0.1L	30	0,1	-	-	0,1	10	C	720,-	-	-	963-128	88,-
DS 36K0.2	36	0,2	-	-	0,2	8	B	550,-	-	-	963-128	88,-
DS 36K0.2L	36	0,2	-	-	0,2	10	C	660,-	-	-	963-128	88,-
DS 60K0.2	60	0,2	-	-	0,2	10	C	740,-	-	-	963-129	105,-
DS 65K0.5	65	0,5	-	-	0,5	10	C	700,-	-	-	963-129	105,-
DS 100K0.5	100	0,5	-	-	0,5	10	C	740,-	-	-	963-129	105,-
DS 150K1	150	1	-	-	1	10	C	740,-	-	-	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.

DS 65K1M	65	1	10	50	1	10	C	790,-	965-218	110,-	963-129	105,-
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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
 - 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

- 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,-
- Stand** to elevate display device, for models with weighing plate size
 - A-D: 2 height of stand approx. 200 mm, KERN SFE-A01, € 55,-
 - B-D: 3 height of stand approx. 400 mm, KERN SFE-A02, € 55,-
 - C, D: 3 height of stand approx. 600 mm, KERN SFE-A03, € 65,-

STANDARD: CAL EXT, SUM, TOL, MOVE, IP 65, INOX, ACCU, MULTI, DMS, 1 DAY, 3 YEARS WARRANTY

OPTION: DAKKS +3 DAYS

FACTORY: M +3 DAYS

Model	Weighing range [Max] kg	Read-out [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	5,0	A	390,-	965-228	55,-	963-128	88,-
SFE 15K5IPM*	15	5	5	100	6	A	380,-	965-228	55,-	963-128	88,-
SFE 10K-3LNM	15	5	5	100	12	B	440,-	965-228	55,-	963-128	88,-
SFE 30K-2NM	30	10	10	200	6	A	380,-	965-228	55,-	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	550,-	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	770,-	965-229	93,-	963-129	105,-
SFE 300K-1LNM	300	100	100	2000	20	D	760,-	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.

* ONLY WHILE STOCKS LAST !



”

From the office through to production and on to dispatch – KERN platform scales can be used anywhere and are intuitive to use. With numerous clever functions they will help you to fulfil the increased demands of Industry 4.0 and carry out your processes in a more effective manner, with better use of resources.

“

*Stephan Ade,
Product specialist platform scales*



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 protection IP68, 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
- **2 Display device:** stainless steel, protection against dust and water splashes IP68, integrated power supply, for details see KERN KXS-TM
- **Superior display size:** digit height 55 mm, bright backlight for easy reading of weighing results, even in poor lighting conditions
- **Benchtop stand incl. wall mount** for display device as standard
- **ESD drain to protect against electrostatic discharge** e.g. for electrostatically-charged weighing objects or people who work with the scale
- Thanks to the RS-232, RS-485 and Bluetooth (optional) **interfaces**, the scale can easily be connected to existing networks. Data exchange between the scale, PC or 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
 - 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, must be ordered at purchase, for models with weighing plate size
 - 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,-**
- **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, **€ 40,-**
- **Data interface RS-485**, must be ordered at purchase, KERN KXS-A01, **€ 85,-**
- **Bluetooth data interface** for wireless data transfer to PC or tablets, must be ordered at purchase, KERN KXS-A02, **€ 110,-**
- **Foot switch**, must be ordered at purchase, KERN KXS-A03, **€ 70,-**
- **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

1

2

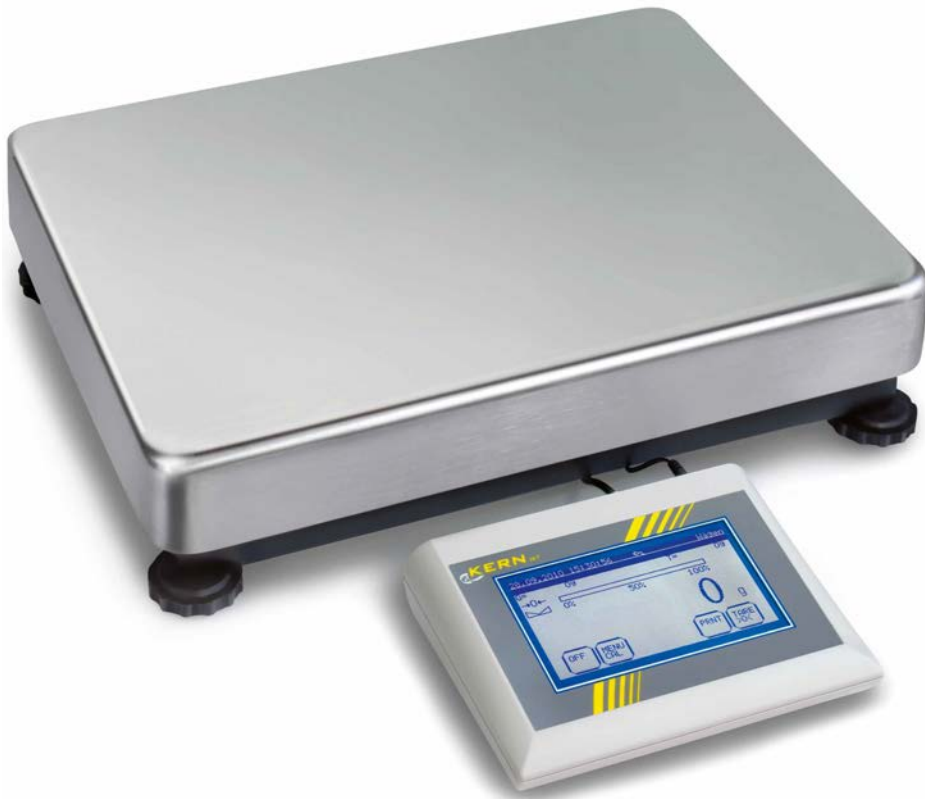
not IXS-M

Model	Weighing range [Max] kg	Read-out [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							€	€	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,-	-	-	963-128	88,-
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.

Price reduction

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

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



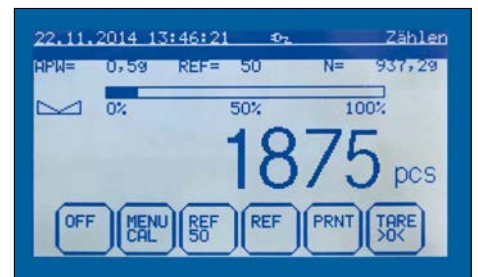
Easy input of text and values

Using large keypad, e.g. packaging weights, item descriptions, user name, 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 228×228×90 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 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, can be retrofitted, 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, not for [M]
- ⑪ Rapid function, not for [M]

Functions

- Capacity display with ①, ②, ⑤-⑦, ⑨-⑩
- Dispensing aid (-/+), with ③, ④
- Net/gross display, permanent, with ①, ③-⑤, ⑧-⑩
- 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

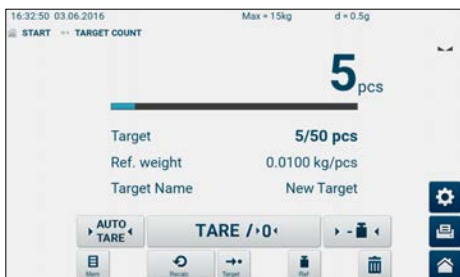


Model	Weighing range [Max] kg	Readout [d] g	Smallest part weight [counting] g/piece	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options	
							DAkKS Calibr. Certificate	
							DKD KERN	€
IKT 6K0.1	6	0,1	0,1	8	B	830,-	963-128	88,-
IKT 12K0.2	12	0,2	0,2	8	B	830,-	963-128	88,-
IKT 30K0.5	30	0,5	0,5	8	B	830,-	963-128	88,-
IKT 60K1L	60	1	1	10	C	1050,-	963-129	105,-
IKT 120K2L	120	2	2	10	C	1050,-	963-129	105,-
IKT 150K2XL	150	2	2	20	D	1200,-	963-129	105,-
IKT 300K5XL	300	5	5	20	D	1200,-	963-129	105,-
High resolution readout								
IKT 3K0.01S	3	0,01	0,01	6	A	920,-	963-127	72,-
IKT 8K0.05	8	0,05	0,05	8	B	850,-	963-128	88,-
IKT 16K0.1	16	0,1	0,1	8	B	850,-	963-128	88,-
IKT 30K0.1	30	0,1	0,1	8	B	850,-	963-128	88,-
IKT 30K0.1L	30	0,1	0,1	10	C	1150,-	963-128	88,-
IKT 36K0.2	36	0,2	0,2	8	B	850,-	963-128	88,-
IKT 36K0.2L	36	0,2	0,2	10	C	1050,-	963-128	88,-
IKT 60K0.2L	60	0,2	0,2	10	C	1120,-	963-129	105,-
IKT 65K0.5L	65	0,5	0,5	10	C	1050,-	963-129	105,-
IKT 100K0.5L	100	0,5	0,5	10	C	1150,-	963-129	105,-
IKT 150K1L	150	1	1	10	C	1150,-	963-129	105,-



09

KERN Easy-Touch platform scale - the intuitive way to weigh



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. This means that the same target value can always be counted and picked, efficiently and accurately.



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

- Thanks to the **intuitive touchscreen concept** and multi-lingual operation (DE, GB, 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**, 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 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

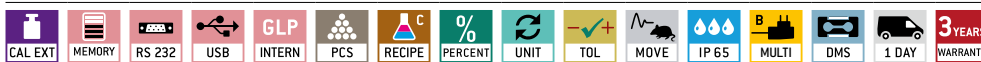
Technical data

- 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
 - C** 500x400x137 mm
 - D** 650x500x142 mm
- Dimensions of display device WxDxH 252x152x133,4 mm
- Cable length of display device approx. 2,5 m
- Permissible ambient temperature -10 °C/40 °C

Accessories

- **Stand** to elevate display device, height of stand approx. 330 mm, can be retrofitted, KERN IFB-A01, **€ 50,-**
- **Stand** to elevate display device, height of stand approx. 600 mm, can be retrofitted, KERN IFB-A02, **€ 60,-**
- **Stand** to elevate display device, height of stand approx. 800 mm, can be retrofitted, 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,-**
- **3 Signal lamp** for visual support of weighing with tolerance range, 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 or barcode reader and printer, KERN CFS-A04, **€ 35,-**
- **RS-232/Ethernet adapter** for connection to an IP-based Ethernet network, KERN YKI-04, **€ 90,-**
- **Alibi memory**, electronic archiving of weighing results, must be ordered at purchase, KERN YKI-06, **€ 95,-**
- **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 €
KERN									
IFT 6K-3M	3 6	1 2	1 2	± 1 2	6	A	1440,-	963-128	88,-
IFT 10K-3M	6 15	2 5	2 5	± 2 5	6	A	1390,-	963-128	88,-
IFT 10K-3LM	6 15	2 5	2 5	± 2 5	9	B	1490,-	963-128	88,-
IFT 30K-3M	15 30	5 10	5 10	± 5 10	9	B	1490,-	963-128	88,-
IFT 60K-2M	30 60	10 20	10 20	± 10 20	9	B	1490,-	963-129	105,-
IFT 60K-2LM	30 60	10 20	10 20	± 10 20	14	C	1590,-	963-129	105,-
IFT 100K-2M	60 150	20 50	20 50	± 20 50	14	C	1490,-	963-129	105,-
IFT 100K-2LM	60 150	20 50	20 50	± 20 50	22	D	1750,-	963-129	105,-
IFT 300K-2LM	150 300	50 100	50 100	± 50 100	22	D	1790,-	963-129	105,-



Modes

- ① Weighing
- ② Determination stock level
- ③ Percentage determination
- ④ Dispensing
- ⑤ Recipe weighing
- ⑥ Density
- ⑦ Animal weighing

For information on further useful functions for this range, please see the internet

Note: Your KERN product specialist Ingo Schlaich, Tel: +49 [0]7433 9933-158 will be happy to help with all questions of detail

Modern premium touchscreen platform scale with the complete range of functions for demanding processes

Features

User-friendly piece-counting function: creation and recall of items to be counted from the database with all relevant additional data such as piece weight, name, price (for internal valuation), reference quantity, tare container weight, barcode, item image etc. Also integrated: automatic reference optimisation, correction of reference weights, freely selectable reference quantity and much more. Note: on the basis of the KERN ILT range, you can put together a wide range of high-performance counting systems - your

KERN product specialist will be pleased to advise you

- Easy entering of item data using the connected barcode or RFID scanner
- **User-friendly batch management** with batch master and batch number assignment, classification, batch derivation, batch determination, batch status management, shelf-life processing, documentary, original and WIP batches, batch-specific units of measure, batch where-used list
- **Enormous database (1GB)** for thousands of weighing results, items, recipes, recipe ingredients, container weights, user data etc.

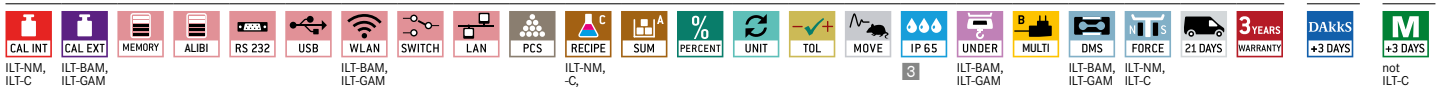
Technical data

- Cable length of display device approx. 1 m
- Permissible ambient temperature 15 °C/35 °C

Accessories

- **Suitable printers** and further, extensive accessories see internet

STANDARD



OPTION FACTORY

Model KERN	Weighing range [Max] kg	Readout [d] g	Verification value [e] g	Minimal load [Min] g	Weighing plate W×D×H mm	Price excl. of VAT ex works €	Options			
							Verification		DAkkS Calibr. Certificate	
							M KERN	€	DKD KERN	€
ILT 10K-5NM	10	0,01	0,1	0,5	347×259×24	5500,-	965-217	77,-	963-128	88,-
ILT 35K-4NM	35	0,1	1	5	347×259×24	4690,-	965-217	77,-	963-128	88,-
ILT 50K-4C	50	0,1	1	5	347×259×24	5500,-	-	-	963-128	88,-
ILT 6K-4BAM	6	0,1	1	5	195×195×77	2200,-	965-217	77,-	963-128	88,-
ILT 60K-3BAM	60	1	10	50	503×403×51	2400,-	965-218	110,-	963-129	105,-
Dual-range balance switches automatically to the next largest weighing range [Max] and readout [d]										
ILT 6K-3GAM	3 6	1 2	1 2	20 40	230×230×100	2200,-	965-228	55,-	963-128	88,-
ILT 10K-3GAM	6 15	2 5	2 5	40 100	300×240×100	1900,-	965-228	55,-	963-128	88,-
ILT 10K-3LGAM	6 15	2 5	2 5	40 100	400×300×128	2000,-	965-228	55,-	963-128	88,-
ILT 30K-2GAM	15 30	5 10	5 10	100 200	400×300×118	2200,-	965-228	55,-	963-128	88,-
ILT 60K-2GAM	30 60	10 20	10 20	200 400	400×300×118	2200,-	965-229	93,-	963-129	105,-
ILT 60K-2LGAM	30 60	10 20	10 20	200 400	500×400×137	2150,-	965-229	93,-	963-129	105,-
ILT 100K-2GAM	60 150	20 50	20 50	400 1000	500×400×137	2100,-	965-229	93,-	963-129	105,-
ILT 100K-2LGAM	60 150	20 50	20 50	400 1000	650×500×142	2200,-	965-229	93,-	963-129	105,-
ILT 300K-2GAM	150 300	50 100	50 100	1000 2000	650×500×142	2200,-	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.

ONLY WHILE STOCKS LAST !



High-resolution industrial scale, available also with internal adjustment and EC type approval [M]

Features

- Laboratory scale with separate display device. Ideal when working in the glove bag or fume cupboard. Particularly practical for weighing toxic, volatile or contaminated substances
- **1** High-capacity precision balance, ideal for high volume or heavy samples, such as e.g. in road construction or the construction industry
- **Robust construction of platform** ensures stability, protects the weighing system and is durable enough for everyday use
- **2** KERN ILJ-C: **Automatic internal adjustment** in the case of a change in temperature 3 °C or timecontrolled every 3 h, guarantees high degree of accuracy and makes the balance independent of its location of use
- **Alibi memory:** electronic archiving of weighing results

- **Internal memory** for up to 999 weighing results, 1000 items or recipe ingredients, 100 container weights, 100 users
- **PRE-TARE function** for manual subtraction of a known container weight, useful for checking fill-levels
- **Weighing with tolerance range (checkweighing):** a visual signal helps with portioning, dispensing or grading
- **Totalising** of weights (manual/automatic)
- **GLP/ISO record keeping of weight values** with date, time, user ID, project and serial number in combination with an appropriate KERN printer
- **Density determination** of liquids and solids. User guidance step by step on the display. The density is indicated directly on the display
- **Hook for underfloor weighing** standard

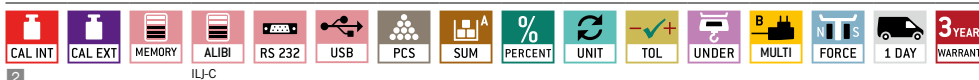
Technical data

- Large backlit LCD display, digit height 18 mm
- Dimensions weighing surface, stainless steel, W×D 347×259 mm
- Dimensions of display device W×D×H 270×165×115 mm
- Cable length of display device approx. 1,4 m
- Permissible ambient temperature 10 °C/40 °C

Accessories

- **WLAN interface** for wireless connection of the balance to networks and WLAN capable devices, such as tablets, laptops or smartphones, KERN PLJ-A06, **€ 135,-**
- **Alibi memory software** for viewing and saving data from the alibi memory onto a PC connected to the system, KERN PET-A16, **€ 300,-**
- Further details, plenty of further accessories and suitable printers see *Accessories*

STANDARD



OPTION



Model	Weighing range [Max] kg	Readout [d] g	Verification value [e] g	Minimal load [Min] g	Net weight approx. kg	Price excl. of VAT ex works €	Options			
							Verification		DAkkS Calibr. Certificate	
KERN							M KERN	€	DKD KERN	€
ILS 30K-4C	30	0,1	-	-	15	1790,-	-	-	963-128	88,-
ILS 50K-4C	50	0,1	-	-	15	2330,-	-	-	963-128	88,-
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.										
ILJ 25K-4CM	25	0,1	1	5	15	2050,-	965-217	77,-	963-128	88,-



” So that your balance will be a robust and reliable assistant for many years, KERN can offer you regular recalibration of your balance - and of course it doesn't matter whether it is a KERN balance or not. Either at the KERN factory or on-site at your premises. Crane scales and container scales even up to 50 t.

“

*Andreas Hipp,
Calibration service*

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

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