



PARCEL SCALES, PLATFORM SCALES


PROFESSIONAL MEASURING





KERN Pictograms


 **Internal adjusting**
Quick setting up of the balance's accuracy with internal adjusting weight (motordriven)


 **Adjusting program CAL**
For quick setting up of the balance's accuracy. External adjusting weight required


 **EasyTouch**
Suitable for the connection, data transmission and control through PC or tablet


 **Memory**
Balance memory capacity, e.g. for article data, weighing data, tare weights, PLU etc.


 **Alibi memory**
Secure, electronic archiving of weighing results, complying with the 2014/31/EU standard.


 **KERN Universal Port (KUP)**
allows the connection of external KUP interface adapters, e.g. RS-232, RS-485, SB, Bluetooth, WIFI, Analogue, Ethernet etc. for the exchange of data and control commands, without installation effort


 **RS-232 Data interface**
To connect the balance to a printer, PC or network


 **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


 **USB Data interface**
To connect the balance to a printer, PC or other peripherals

 **Bluetooth* Data interface**
To transfer data from the balance to a printer, PC or other peripherals

 **WIFI Data interface**
To transfer data from the balance to a printer, PC or other peripherals


 **Control outputs**
(optocoupler, digital I/O)
To connect relays, signal lamps, valves, etc.

 **Analogue interface**
to connect a suitable peripheral device for analogue processing of the measurements


 **Interface for second balance**
For direct connection of a second balance


 **Network interface**
For connecting the scale to an Ethernet network


 **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


 **GLP/ISO log intern**
The balance displays weight, date and time, independent of a printer connection


 **GLP/ISO log Printer**
With weight, date and time. Only with KERN printers.


 **Piece counting**
Reference quantities selectable. Display can be switched from piece to weight


 **Recipe level A**
The weights of the recipe ingredients can be added together and the total weight of the recipe can be printed out


 **Recipe level B**
Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display


 **Totalising level A**
The weights of similar items can be added together and the total can be printed out


 **Percentage determination**
Determining the deviation in % from the target value (100 %)


 **Weighing units**
Can be switched to e.g. nonmetric units. See balance model. Please refer to KERN's website for more details


 **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


 **Hold function**
(Animal weighing program)
When the weighing conditions are unstable, a stable weight is calculated as an average value


 **Protection against dust and water splashes IPxx**
The type of protection is shown in the pictogram


 **Suspended weighing**
Load support with hook on the underside of the balance


 **Battery operation**
Ready for battery operation. The battery type is specified for each device


 **Rechargeable battery pack**
Rechargeable set


 **Universal plug-in power supply**
with universal input and optional input socket adapters for
A) EU, CH, GB
B) EU, CH, GB, US
C) EU, CH, GB, US, AUS


 **Plug-in power supply**
230V/50Hz in standard version for EU, CH. On request GB, USA or AUS version available


 **Integrated power supply unit**
Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, USA or AUS on request


 **Weighing principle Strain gauges**
Electrical resistor on an elastic deforming body


 **Weighing principle Tuning fork**
A resonating body is electromagnetically excited, causing it to oscillate


 **Weighing principle Electromagnetic force compensation**
Coil inside a permanent magnet. For the most accurate weighings


 **Weighing principle Single cell technology**
Advanced version of the force compensation principle with the highest level of precision

 **Conformity Assessment**
The time required for conformity assessment is specified in the pictogram

 **DAkkS calibration possible (DKD)**
The time required for DAkkS calibration is shown in days in the pictogram

 **Factory calibration (ISO)**
The time required for Factory calibration is shown in days in the pictogram

 **Package shipment**
The time required for internal shipping preparations is shown in days in the pictogram

 **Pallet shipment**
The time required for internal shipping preparations is shown in days in the pictogram

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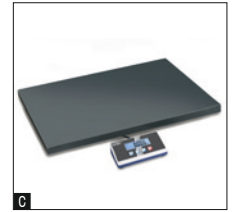
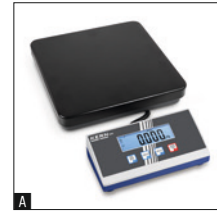
KERN Quick-Finder

How I quickly find the product I am looking for

Ahead of each product group allows you to base the search for a certain target group on weighing data you need such as readout, weighing capacity and main features for each model.

And it's as simple as that – find the product you want in 2 steps:

1. Go to the product group index on page 3
2. Pick the appropriate product group and find the product you want using the Quick-Finder



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

Features

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

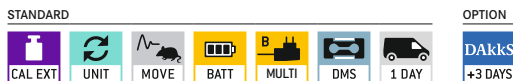
Technical data

- Large LCD display, digit height 25 mm
- Weighing plate dimensions, steel, lacquered
 - A** W×D×H 315×305×57 mm
 - B** W×D×H 550×550×58 mm, see larger picture
 - C** W×D×H 950×500×58 mm
- Dimensions of display device W×D×H 235×114×51 mm
- Optional battery operation, 4×1.5 V AA not included in scope of delivery, operating time up to 100 h
- Permissible ambient temperature 5 °C/35 °C

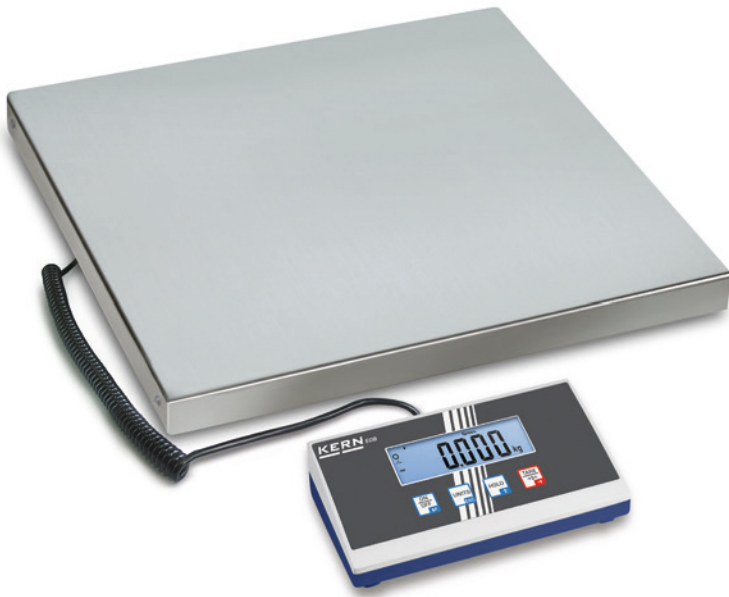
Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERN EOB-A04BS05, **€ 44,-**
- Stand to elevate display device, for models with weighing plate size **A**, height of stand approx. 480 mm, KERN EOB-A01N, **€ 70,-**
- Stand to elevate display device, height of stand approx. 1000 mm, KERN EOB-A02B, **€ 110,-**
- **1** Non-slip rubber mat, W×D×H 945×505×5 mm, KERN EOE-A01, **€ 50,-**

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Model	Weighing capacity [Max] kg	Readability [d] g	Reproducibility g	Linearity g	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options	
								DAkkS KERN	Certificate €
KERN EOE 10K-3	15	5	5	± 10	4,0	A	170,-	963-128	118,-
KERN EOE 30K-2	35	10	10	± 20	4,0	A	170,-	963-128	118,-
KERN EOE 60K-2	60	20	20	± 40	4,0	A	170,-	963-129	146,-
KERN EOE 60K-2L	60	20	20	± 40	14	B	300,-	963-129	146,-
KERN EOE 100K-2	150	50	50	± 100	4,0	A	170,-	963-129	146,-
KERN EOE 150K50L	150	50	50	± 100	14	B	300,-	963-129	146,-
KERN EOE 150K50XL	150	50	50	± 100	18	C	320,-	963-129	146,-
KERN EOE 300K100	300	100	100	± 200	4,0	A	170,-	963-129	146,-
KERN EOE 300K100L	300	100	100	± 200	14	B	300,-	963-129	146,-
KERN EOE 300K100XL	300	100	100	± 200	18	C	320,-	963-129	146,-



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

Features

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

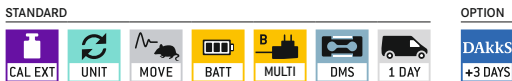
Technical data

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

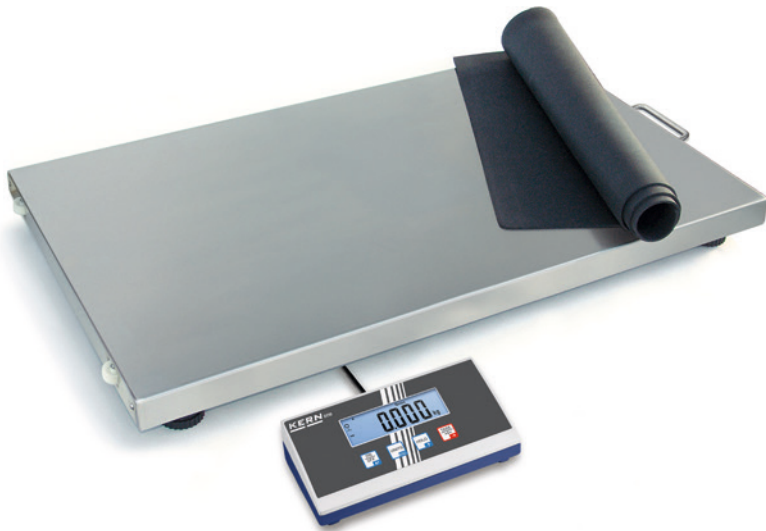
Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERN EOB-A04BS05, **€ 44,-**
- **1** Stand to elevate display device, height of stand approx. 1000 mm, KERN EOB-A02B, **€ 110,-**
- **2** Stand to elevate display device, for models with weighing plate size **A**, height of stand approx. 480 mm, KERN EOB-A01N, **€ 70,-**
- **3** Non-slip rubber mat, W×D×H 945×505×5 mm, KERN EOE-A01, **€ 50,-**

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Model	Weighing capacity [Max] kg	Readability [d] g	Reproducibility g	Linearity g	Cable length (Spiral cable) approx. m	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options	
									DAKKS KERN	DAKKS Calibr. Certificate €
KERN										
EOB 15K5	15	5	5	± 10	1,8 m	3,8	A	185,-	963-128	118,-
EOB 35K10	35	10	10	± 20	1,8 m	3,8	A	185,-	963-128	118,-
EOB 60K20	60	20	20	± 40	1,8 m	3,8	A	185,-	963-129	146,-
EOB 60K20L	60	20	20	± 40	2,7 m	13	B	370,-	963-129	146,-
EOB 150K50	150	50	50	± 100	1,8 m	3,8	A	185,-	963-129	146,-
EOB 150K50L	150	50	50	± 100	2,7 m	13	B	370,-	963-129	146,-
EOB 150K50XL	150	50	50	± 100	2,7 m	17	C	450,-	963-129	146,-
EOB 300K100A	300	100	100	± 200	1,8 m	3,8	A	185,-	963-129	146,-
EOB 300K100L	300	100	100	± 200	2,7 m	13	B	370,-	963-129	146,-
EOB 300K100XL	300	100	100	± 200	2,7 m	17	C	450,-	963-129	146,-



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

Features

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

Technical data

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

Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERN EOB-A04BS05, **€ 44,-**
- **2** Stand to elevate display device, height of stand approx. 1000 mm, KERN EOB-A02B, **€ 110,-**

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STANDARD							OPTION
CAL EXT	UNIT	MOVE	BATT	MULTI	DMS	1 DAY	DAkKS +3 DAYS

Model	Weighing capacity	Readability	Reproducibility	Linearity	Net weight	Price excl. of VAT ex works €	Options	
							DAkKS Calibr. Certificate	DAkKS KERN €
	[Max]	[d]			approx.			
	kg	g	g	g	kg	€		
KERN EOS 150K50XL	150	50	50	± 100	19	470,-	963-129	146,-
KERN EOS 300K100XL	300	100	100	± 200	19	470,-	963-129	146,-



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

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Piece counting



Animal weighing



Recipe-weighing



Features

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

- Freely programmable weighing unit, e.g. display direct in special units such as length of thread g/m, paper weight g/m², or similar
- Protective working cover included with delivery

Technical data

- Large backlit LCD display, digit height 25 mm
- Weighing plate dimensions, stainless steel
 - A** W×D×H 318×308×75 mm
 - B** W×D×H 318×308×88 mm
 - C** W×D×H 522×403×83 mm, see larger picture
 - D** W×D×H 522×406×98 mm
 - E** W×D×H 650×500×89 mm
- Dimensions of display device W×D×H 225×110×55 mm
- Optional battery operation, 9 V block not included in scope of delivery, operating time up to 12 h
- Permissible ambient temperature 5 °C/35 °C

Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERN DE-A12S05, **€ 44,-**
- Internal rechargeable battery pack, operating time up to 30 h without backlight, charging time approx. 10 h, KERN NDE-A02, **€ 60,-**
- Mount to fasten the display device to the platform, for models with weighing plate size **B, C, D, E**, KERN DE-A11N, **€ 40,-**
- Wall mount for display device, KERN DE-A13, **€ 32,-**
- **2** Stand to elevate display device, height of stand approx. 480 mm, KERN DE-A10, **€ 120,-**
- Individual header data: the free software SHM-01 can be used to print header lines on the printout when using printers YKN-01 and YKB-01N
- Further details, plenty of further accessories and suitable printers see *Accessories*

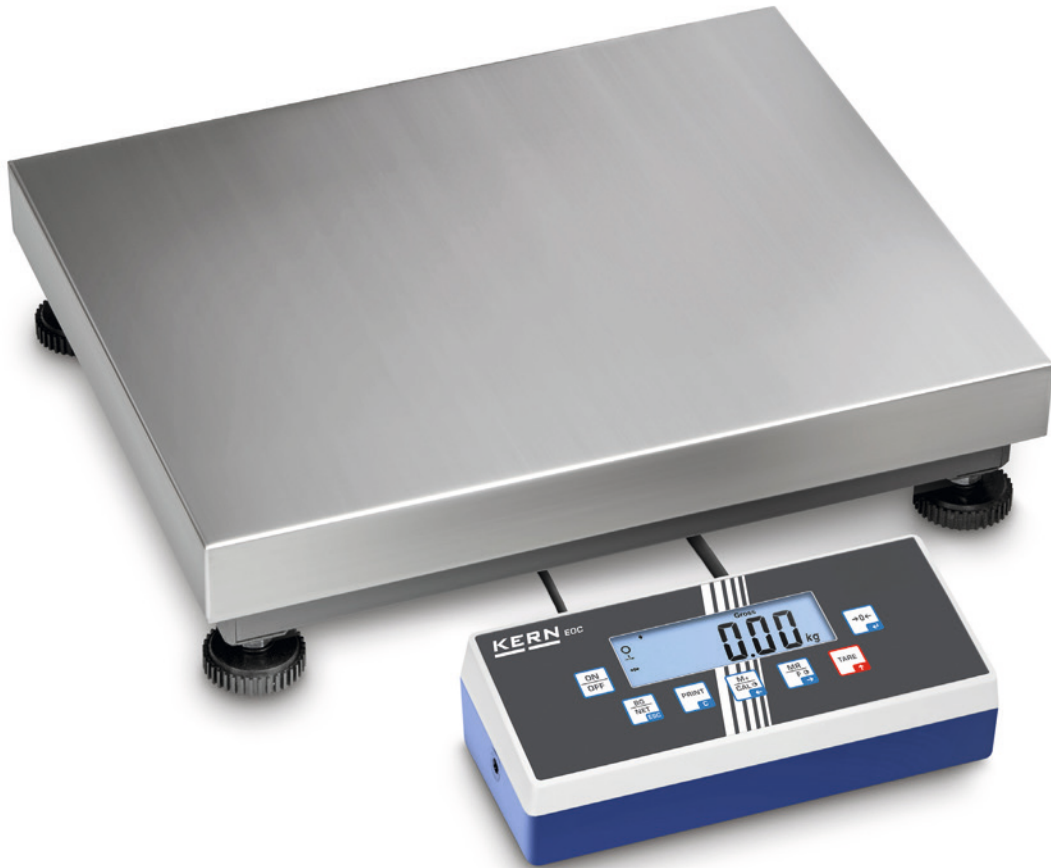
STANDARD



OPTION



Model	Weighing capacity [Max] kg	Readability [d] g	Reproducibility g	Linearity g	Smallest part weight (Normal) g/piece	Cable length approx. m	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options DAKKS Calibr. Cert. DAKKS KERN	€
Multi-division balance with high resolution readability, with increasing or decreasing load, it switches automatically to the next largest or smallest weighing range [Max] and readout [d].											
DE 15K0.2D	6 15	0,2 0,5	0,2 0,5	± 0,8 2	4	1	4	B	380,-	963-128	118,-
DE 35K0.5D	15 35	0,5 1	0,5 1	± 2 4	10	1	7	B	375,-	963-128	118,-
DE 60K1D	30 60	1 2	1 2	± 4 8	20	1,47	7	B	375,-	963-129	146,-
DE 60K1DL	30 60	1 2	1 2	± 4 8	20	1,4	15	D	500,-	963-129	146,-
DE 150K2D	60 150	2 5	2 5	± 8 20	40	1,6	7	B	385,-	963-129	146,-
DE 150K2DL	60 150	2 5	2 5	± 8 20	40	1,4	15	D	510,-	963-129	146,-
DE 300K5DL	150 300	5 10	5 10	± 20 40	100	1,4	15	D	510,-	963-129	146,-
Multi-division balance, with increasing or decreasing load, it switches automatically to the next largest or smallest weighing range [Max] and readout [d].											
DE 6K1D	3 6	1 2	1 2	± 3 6	40	1,4	4,8	A	210,-	963-128	118,-
DE 15K2D	6 15	2 5	2 5	± 6 15	100	1,4	4,8	A	215,-	963-128	118,-
DE 35K5D	15 35	5 10	5 10	± 15 30	100	1,4	4,8	A	220,-	963-128	118,-
DE 35K5DL	15 35	5 10	5 10	± 15 30	100	1,4	16	C	370,-	963-128	118,-
DE 60K10D	30 60	10 20	10 20	± 30 60	200	1,4	4,8	A	215,-	963-129	146,-
DE 60K10DL	30 60	10 20	10 20	± 30 60	200	1,4	16	C	370,-	963-129	146,-
DE 150K20D	60 150	20 50	20 50	± 60 150	400	1,5	5	A	225,-	963-129	146,-
DE 150K20DL	60 150	20 50	20 50	± 60 150	400	1,5	16	C	365,-	963-129	146,-
DE 150K20DXL	60 150	20 50	20 50	± 60 150	400	1,4	19	E	520,-	963-129	146,-
DE 300K50DL	150 300	50 100	50 100	± 150 300	2000	1,05	28	E	520,-	963-129	146,-
DE 300K50D	150 300	50 100	50 100	± 150 300	2000	1,25	16	C	370,-	963-129	146,-
DE 6K0.5A	6	0,5	0,5	± 1,5	10	1,4	4,8	A	240,-	963-128	118,-
DE 12K1A	12	1	1	± 3	20	1,4	4,8	A	240,-	963-128	118,-
DE 24K2A	24	2	2	± 6	40	1,4	4,8	A	245,-	963-128	118,-
DE 60K5A	60	5	5	± 15	100	1,4	4,8	A	240,-	963-129	146,-
DE 120K10A	120	10	10	± 30	200	1,4	5,0	A	250,-	963-129	146,-



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

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



Features

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

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

Technical data

- Large backlit LCD display, digit height 25 mm
- Weighing plate dimensions, stainless steel, W×D×H
A 300×300×110 mm **B** 500×400×120 mm
C 600×500×150 mm **D** 950×500×60 mm
- Dimensions of display device
W×D×H 268×115×80 mm

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

Accessories

- Protective working cover, scope of delivery 5 items, KERN EOC-A01S05, **€ 55,-**
- Internal rechargeable battery pack, operating time up to 43 h without backlight, charging time approx. 3 h, KERN KFB-A01, **€ 40,-**
- **2** for models with weighing plate size **A - C**: Stand to be screwed onto the platform, height of stand approx. 330 mm, KERN EOC-A05, **€ 65,-**
- **3** Mount to fasten the display device to the platform, KERN EOC-A03, **€ 33,-**
- Benchtop stand incl. wall mount for display device, KERN EOC-A04, **€ 33,-**
- Modification 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, **€ 104,-**

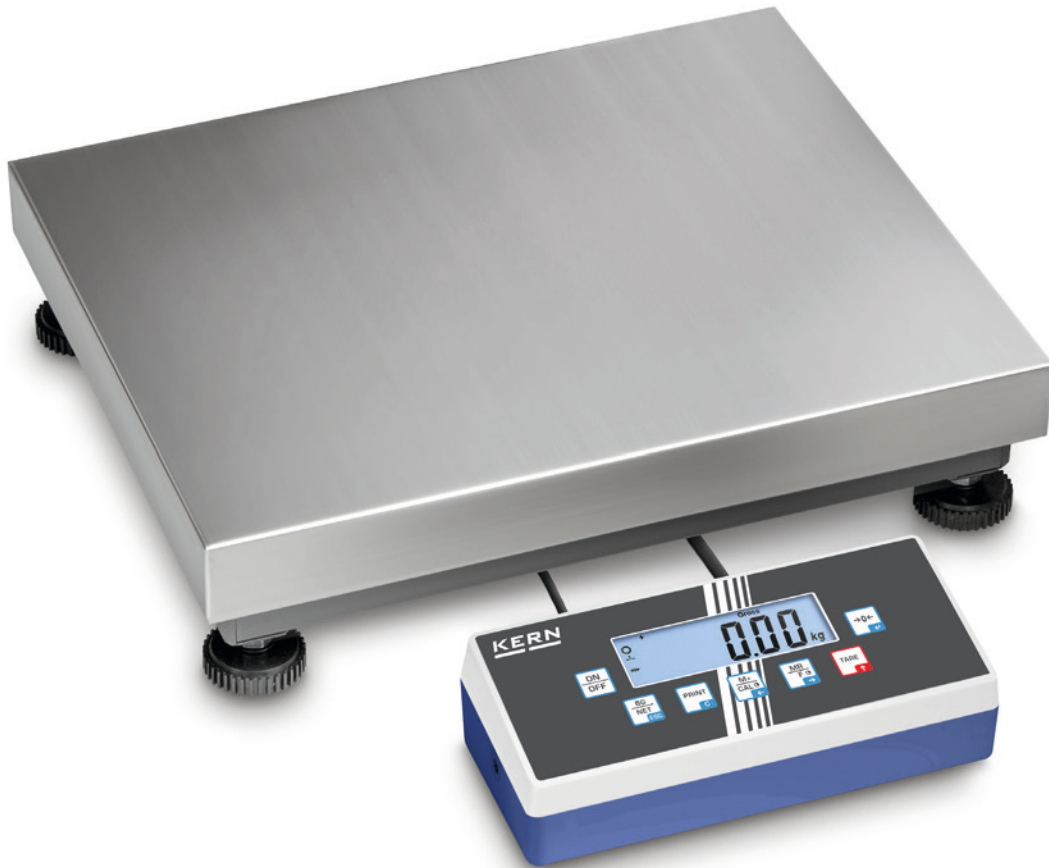
STANDARD



OPTION



Model	Weighing capacity [Max]	Readability [d]	Reproducibility	Linearity	Smallest part weight (Normal)	Cable length spiral cable*	Net weight approx.	Weighing plate	Price excl. of VAT ex works €	Options DAKkS Calibr. Cert. DAKkS KERN	€
Multi-range balance with high-resolution display, with increasing load it switches automatically to the next largest weighing range [Max] and readout [d] and when the load is fully removed, the balance switches back to the lower range											
EOC 10K-4	6 15	0,2 0,5	0,2 0,5	± 0,6 1,5	5	3	6	A	340,-	963-128	118,-
EOC 30K-4	15 35	0,5 1	0,5 1	± 1,5 3	10	3	9	B	390,-	963-128	118,-
EOC 30K-4S	15 35	0,5 1	0,5 1	± 1,5 3	10	3	6	A	340,-	963-128	118,-
EOC 60K-3	30 60	1 2	1 2	± 3 6	20	3	7	A	340,-	963-129	146,-
EOC 60K-3L	30 60	1 2	1 2	± 3 6	20	3	9	B	410,-	963-129	146,-
EOC 100K-3	60 150	2 5	2 5	± 6 15	50	3	6	A	340,-	963-129	146,-
EOC 100K-3L	60 150	2 5	2 5	± 6 15	50	3	9	B	440,-	963-129	146,-
EOC 300K-3	150 300	5 10	5 10	± 15 30	100	3	9	B	410,-	963-129	146,-
Multi-range balance without high-resolution display											
EOC 6K-3	3 6	1 2	1 2	± 3 6	2,5	3	6	A	320,-	963-128	118,-
EOC 10K-3	6 12	2 5	2 5	± 6 15	5	3	6	A	330,-	963-128	118,-
EOC 30K-3	15 35	5 10	5 10	± 15 30	10	3	6	A	340,-	963-128	118,-
EOC 30K-3L	15 35	5 10	5 10	± 15 30	10	3	9	B	390,-	963-128	118,-
EOC 60K-2	30 60	10 20	10 20	± 30 60	20	3	7	A	350,-	963-129	146,-
EOC 60K-2L	30 60	10 20	10 20	± 30 60	20	3	9	B	390,-	963-129	146,-
EOC 100K-2	60 150	20 50	20 50	± 60 150	50	3	6	A	340,-	963-129	146,-
EOC 100K-2L	60 150	20 50	20 50	± 60 150	50	3	9	B	380,-	963-129	146,-
EOC 100K-2XL	60 150	20 50	20 50	± 60 150	50	3	19	C	580,-	963-129	146,-
EOC 100K-2XXL	60 150	20 50	20 50	± 60 150	100	*2,7	17	D	600,-	963-129	146,-
EOC 300K-2	150 300	50 100	50 100	± 150 300	100	3	9	B	400,-	963-129	146,-
EOC 300K-2L	150 300	50 100	50 100	± 150 300	100	3	19	C	580,-	963-129	146,-
EOC 6K-4A	6	0,5	0,5	± 1,5	2,5	3	6	A	340,-	963-128	118,-
EOC 10K-3A	12	1	1	± 3	5	3	7	A	350,-	963-128	118,-
EOC 20K-3A	24	2	2	± 6	10	3	6	A	350,-	963-128	118,-
EOC 60K-3A	60	5	5	± 15	20	3	7	A	350,-	963-129	146,-
EOC 100K-2A	120	10	10	± 30	50	3	9	B	400,-	963-129	146,-



Allround platform scale with a wide range of communication options, verification optional – also available as high-resolution version with fine display

10



1 Verification plug, for verified balances this enables you to separate the display device and platform without affecting the verification, e.g. for installing the scale in a packing and dispatch table, pit frame etc. at a later date. Please order this at the same time as you purchase your scale, see accessories

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

Features

- Industry 4.0: A wide range of (optional) data interfaces allows easy transfer of weighing data to tablets, laptops, PCs, networks, smartphones, printers, etc.
- 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. For details see page 21
- Standardised, simplified concept of operation
- High mobility: thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations
- Platform: weighing plate of stainless steel, painted steel base, silicone-coated aluminium load cell with 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

Technical data

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

Accessories

- Protective working cover, scope of delivery 5 items, KERN EOC-A01S05, **€ 55,-**
- Stand to be screwed onto the platform, height of stand approx.330 mm, KERN EOC-A05, **€ 65,-**
- Mount to fasten the display device to the platform, KERN EOC-A03, **€ 33,-**
- Benchtop stand incl. wall mount for display device, KERN EOC-A04, **€ 33,-**
- Internal rechargeable battery pack, operating time up to 26 h with backlight, charging time approx. 3 h, KERN KFB-A01, **€ 40,-**
- USB data interface, for transferring weighing to the PC, printer etc., must be ordered at purchase, KERN KIB-A03, **€ 120,-**
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, KERN KIB-A04, **€ 110,-**

- WiFi interface for wireless connection of the balance to networks and WiFi capable devices, such as tablets, laptops or smartphones, continuous data transfer, must be ordered at purchase, KERN KIB-A10, **€ 130,-**
- Ethernet data interface, to connect an IP-based Ethernet network, continuous data transfer, must be ordered at purchase, KERN KIB-A02, **€ 165,-**
- Signal lamp, including interface, for visual support of weighing with tolerance range, must be ordered at purchase, KERN KIB-A06, **€ 470,-**
- Alibi memory, for paperless archiving of the weighing results with ID no., gross/net/tare value, date and time, must be ordered at purchase, KERN KIB-A13, **€ 164,-**
- Alibi memory, including USB interface for exporting weighing results to external data storage media, such as, for example, USB sticks, hard drives, etc., must be ordered at purchase, KERN KIB-A01, **€ 175,-**
- **I** Verification plug, for verified balances this enables you to separate the display device and platform without affecting the verification, e.g. for installing the scale in a packing and dispatch table, pit frame etc. at a later date. Please order this at the same time as you purchase your scale, KERN KIB-A12, **€ 164,-**
- Modification 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, **€ 104,-**

STANDARD



OPTION



FACTORY



*Note: In addition to the RS-232 data interface, which is integrated as standard, only one other data interface can be installed and operated

10

Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Verification KERN	Options DAKKS	Calibr. DAKKS KERN	Cert. €
Multi-range balance with high-resolution display, with increasing load it switches automatically to the next largest weighing range [Max] and readout [d] and when the load is fully removed, the balance switches back to the lower range											
IOC 6K-4*	3 6	0,1 0,2	-	20 40	6	B	390,-	-	-	963-128	118,-
IOC 10K-4*	6 15	0,2 0,5	-	40 100	6	A	380,-	-	-	963-128	118,-
IOC 10K-4L*	6 15	0,2 0,5	-	40 100	8	C	420,-	-	-	963-128	118,-
IOC 30K-4*	15 30	0,5 1	-	100 200	8	C	420,-	-	-	963-128	118,-
IOC 60K-3*	30 60	1 2	-	200 400	8	C	430,-	-	-	963-129	146,-
IOC 60K-3L*	30 60	1 2	-	200 400	12	D	510,-	-	-	963-129	146,-
IOC 100K-3*	60 150	2 5	-	400 1000	12	D	520,-	-	-	963-129	146,-
IOC 100K-3L*	60 150	2 5	-	400 1000	22	E	700,-	-	-	963-129	146,-
IOC 300K-3*	150 300	5 10	-	1000 2000	22	E	720,-	-	-	963-129	146,-
IOC 600K-2*	300 600	10 20	-	2000 4000	32	F	870,-	-	-	963-130	205,-
Multi-range balance without high-resolution display											
IOC 6K-3M*	3 6	1 2	1 2	20 40	6	B	390,-	965-228	84,-	963-128	118,-
IOC 10K-3M*	6 15	2 5	2 5	40 100	6	A	335,-	965-228	84,-	963-128	118,-
IOC 10K-3LM*	6 15	2 5	2 5	40 100	8	C	405,-	965-228	84,-	963-128	118,-
IOC 30K-3M*	15 30	5 10	5 10	100 200	8	C	410,-	965-228	84,-	963-128	118,-
IOC 60K-2M*	30 60	10 20	10 20	200 400	8	C	410,-	965-229	110,-	963-129	146,-
IOC 60K-2LM*	30 60	10 20	10 20	200 400	12	D	500,-	965-229	110,-	963-129	146,-
IOC 100K-2M*	60 150	20 50	20 50	400 1000	12	D	500,-	965-229	110,-	963-129	146,-
IOC 100K-2LM*	60 150	20 50	20 50	400 1000	22	E	700,-	965-229	110,-	963-129	146,-
IOC 300K-2M*	150 300	50 100	50 100	1000 2000	22	E	720,-	965-229	110,-	963-129	146,-
IOC 600K-1M*	300 600	100 200	100 200	2000 4000	32	F	840,-	965-230	158,-	963-130	205,-

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order.

The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.

It is essential that a verified balance which transfers measurements to external devices using an interface, has an alibi memory (KIB-A13).

It is not possible to upgrade later.

I * ONLY WHILE STOCKS LAST



The new IFC: Robust industrial scales with up to three interfaces, also with optional verification

10

Features

- Tough industry standard suitable for use in harsh industrial applications
- Standardised, convenient KERN concept of operation, consistency across products in terms of design, menu structure, button functions, interface connection and interface protocol
- Industry 4.0: Data and control commands can be exchanged through the KERN Universal Port using one interface, which can be connected to the housing, or through three parallel interfaces using the KUP Extension box. The following interfaces are available as an option: RS-232, USB, Ethernet, WiFi, Bluetooth
- Each interface can be set up separately, e.g.:
 - Interface 1 (WiFi): Continuous sending to a PC for documentation of a process
 - Interface 2 (RS 232): Print stable weight
 - Interface 3 (analogue module): Controlling a device when the target weight is reached
- For further information on KUP and KCP see page 20/21
- Available as an option with alibi memory for paperless archiving of weighing results. This also means the results of weighings with mandatory verification can be electronically evaluated and processed further
- Data query and remote control of the balance using a computer or CRM/ERP systems using the KERN Communication Protocol
- Simplified battery replacement through easily-accessible housing. Particularly advantageous for models with optional verification, as the verification seal remains intact
- **1** Platform: weighing plate of stainless steel, painted steel base, silicone-coated aluminium load cell with protection against dust and water splashes IP65
- Benchtop stand incl. wall mount for display device as standard
- Protective working cover included with delivery
- With Real Time Clock as standard: Enables you to log the weighing results with accurate time information. Even if the power supply is interrupted, the balance can continue to work with the correct time



Technical Data

- Large backlit LCD display, digit height 50 mm
- Weighing plate dimensions, stainless steel
 - A** W×D×H 400×300×114 mm
 - B** W×D×H 500×400×124 mm
 - C** W×D×H 650×500×136 mm
 - D** W×D×H 800×600×189 mm
- Dimensions of display device W×D×H 220×145×65 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 YBA-A18S05, **€ 44,-**
- Internal rechargeable battery pack, operating time up to 48 h without backlight, charging time approx. 8 h, KERN YKR-01, **€ 35,-**
- **2** Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07, **€ 160,-**
- Column to screw on to the platform, for models with weighing plate size **A, B, C** Height of stand approx. 330 mm, KERN IFB-A01, **€ 68,-**
B, C Height of stand approx. 600 mm, KERN IFB-A02, **€ 81,-**
- External data interface RS-232, interface cable included, KERN KUP-01, **€ 60,-**
- External data interface USB, interface cable included, KERN KUP-03, **€ 75,-**
- External data interface Ethernet, KERN KUP-04, **€ 115,-**
- External data interface WiFi, interface cable included, KERN KUP-05, **€ 75,-**

- Bluetooth interface adapter, KERN KUP-06, **€ 99,-**
- Analogue module, KERN KUP-08, **€ 170,-**
- **3** Extension box for connecting up to three interfaces in parallel, KERN KUP-13, **€ 98,-***
- Memory module (alibi memory), KERN YMM-04, **€ 80,-**
- ESD drain to protect against electrostatic discharge e.g. for electrostatically-charged weighing objects or people who work with the scale, KERN YGR-01, **€ 60,-**
- Signal lamp for visual support of weighing with tolerance range, connection is only possible in combination with KUP-01 (RS 232 interface), KERN CFS-A03, **€ 310,-**
- **4** Roller conveyor attachment, with smooth-running, hot-dip galvanised steel rollers with ball bearings, robust aluminium profile frame, for models ≥ 30 kg [Max] with weighing plate size **A** KERN YRO-01, **€ 830,-**
B KERN YRO-02, **€ 870,-**
C KERN YRO-03, **€ 1200,-**

STANDARD

CAL EXT KUP PROTOCOL GLP INTERN PCS SUM PERCENT TOL MOVE IP 65 MULTI DMS 1 DAY

OPTION

ET RS 232 USB BT 4.0 WIFI D/A LAN ACCU DAKKS +3 DAYS ALIBI +3 DAYS IFC-M

FACTORY

*Note: In addition to the RS-232 data interface, which is integrated as standard, only one other data interface can be installed and operated

Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Verification	Options
KERN IFC 10K-4L	15	0,5	-	-	8	A	550,-	KERN	DAkkS Calibr. Certificate
IFC 30K-3	30	1	-	-	8	A	570,-	-	DAkkS KERN
IFC 60K-3	60	2	-	-	8	A	590,-	-	DAkkS KERN
IFC 60K-3L	60	2	-	-	11	B	770,-	-	DAkkS KERN
IFC 600K-2	600	20	-	-	44	D	1210,-	-	DAkkS KERN

Multi-division balance, with increasing or decreasing load, it switches automatically to the next largest or smallest weighing range [Max] and readout [d].

IFC 30K5DM	15 30	5 10	5 10	100 200	8	A	570,-	965-228	84,-	963-128	118,-
IFC 60K 10DM	30 60	10 20	10 20	200 400	8	A	590,-	965-229	110,-	963-129	146,-
IFC 60K 10DLM	30 60	10 20	10 20	200 400	11	B	770,-	965-229	110,-	963-129	146,-
IFC 150K20DM	60 150	20 50	20 50	400 1000	11	B	720,-	965-229	110,-	963-129	146,-
IFC 150K20DLM	60 150	20 50	20 50	400 1000	20	C	940,-	965-229	110,-	963-129	146,-

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.

New model



Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERN KFB-A02S05, € 44,-
- **2** Stand to elevate display device, for models with weighing plate size **A-E**: Height of stand approx. 330 mm, KERN IFB-A01, € 68,-
D-F: Height of stand approx. 600 mm, KERN IFB-A02, € 81,-
A-F: Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07, € 160,-
- Internal rechargeable battery pack, operating time up to 35 h without backlight, charging time approx. 12 h, must be ordered at purchase, KERN KFB-A01, € 40,-
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, not in combination with verification. When installing the Bluetooth data interface, the RS-232 data interface can no longer be used, KERN KFB-A03, € 160,-
- Analogue module, not possible in combination with signal lamp or rechargeable battery pack 0-10 V: KERN KFB-A04, € 170,-
4-20 mA: KERN KFB-A05, € 170,-

High-resolution industrial scale in heavy version, now also up to [Max] 600 kg, verification optional

Features

- **1** Platform: weighing plate of stainless steel, painted steel base, silicone-coated aluminium load cell with 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

- Backlit LCD display, digit height 52 mm
- Weighing plate dimensions, stainless steel, W×D×H
A 230×230×103 mm **B** 300×240×105 mm
C 400×300×114 mm **D** 500×400×124 mm
E 650×500×136 mm **F** 800×600×189 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

STANDARD



OPTION



FACTORY



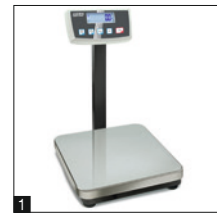
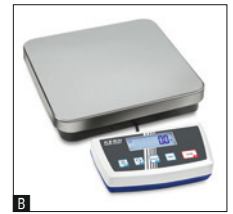
Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Verification		Options	
								M	KERN	DAkKS	Certificate
IFB 3K-4*	3	0,1	-	-	4,6	A	455,-	-	-	963-127	98,-
IFB 6K-4S*	6	0,2	-	-	4,6	A	390,-	-	-	963-128	118,-
IFB 6K-4*	6	0,2	-	-	5,0	B	400,-	-	-	963-128	118,-
IFB 10K-4*	15	0,5	-	-	5,0	B	415,-	-	-	963-128	118,-
IFB 10K-4L*	15	0,5	-	-	7	C	495,-	-	-	963-128	118,-
IFB 30K-3*	30	1	-	-	7	C	475,-	-	-	963-128	118,-
IFB 60K-3*	60	2	-	-	8	C	470,-	-	-	963-129	146,-
IFB 60K-3L*	60	2	-	-	11	D	650,-	-	-	963-129	146,-
IFB 100K-3*	150	5	-	-	11	D	650,-	-	-	963-129	146,-
IFB 100K-3L*	150	5	-	-	18	E	800,-	-	-	963-129	146,-
IFB 300K-2*	300	10	-	-	20	E	920,-	-	-	963-129	146,-
IFB 600K-2*	600	20	-	-	40	F	1240,-	-	-	963-130	205,-

Multi-range balance, with increasing load it switches automatically to the next largest weighing range [Max] and readout [d] and when the load is fully removed, the balance switches back to the lower range

IFB 6K-3SM*	3 6	1 2	1 2	20 40	4,6	A	390,-	965-228	84,-	963-128	118,-
IFB 6K-1DM*	3 6	1 2	1 2	20 40	6	B	400,-	965-228	84,-	963-128	118,-
IFB 15K2DM*	6 15	2 5	2 5	40 100	5,0	B	435,-	965-228	84,-	963-128	118,-
IFB 15K2DLM*	6 15	2 5	2 5	40 100	7	C	550,-	965-228	84,-	963-128	118,-
IFB 30K5DM*	15 30	5 10	5 10	100 200	8	C	520,-	965-228	84,-	963-128	118,-
IFB 60K10DM*	30 60	10 20	10 20	200 400	8	C	520,-	965-229	110,-	963-129	146,-
IFB 60K10DLM*	30 60	10 20	10 20	200 400	11	D	670,-	965-229	110,-	963-129	146,-
IFB 150K20DM*	60 150	20 50	20 50	400 1000	11	D	650,-	965-229	110,-	963-129	146,-
IFB 150K20DLM*	60 150	20 50	20 50	400 1000	18	E	870,-	965-229	110,-	963-129	146,-
IFB 300K50DM*	150 300	50 100	50 100	1000 2000	20	E	870,-	965-229	110,-	963-129	146,-
IFB 600K-1M*	300 600	100 200	100 200	2000 4000	44	F	1310,-	965-230	158,-	963-130	205,-

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.

1 * ONLY WHILE STOCKS LAST



Precision industrial scale with laboratory accuracy, ideal for the diverse possibilities of Industry 4.0 applications

Features

- High-capacity precision balance, ideal for high volume or heavy samples to be weighed with a high degree of accuracy
- 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
- KERN Universal Port (KUP): permits the connection of an external KUP interface adapter, such as, for example, RS-232, USB, Bluetooth, WiFi or Ethernet, for the exchange of data and control commands, without any installation outlay

- KERN Communication Protocol (KCP): The KCP permits searching and remote control of the balance using external control devices or computers
- Protective working cover included with delivery

Technical data

- Large backlit LCD display, digit height 21 mm
- Weighing plate dimensions, stainless steel
 - A** W×D×H 230×230×103 mm
 - B** W×D×H 308×318×75 mm
 - C** W×D×H 500×400×125 mm, see larger picture
- Dimensions of display device W×D×H 225×115×60 mm
- Permissible ambient temperature -10 °C/40 °C

Accessories

- Internal rechargeable battery pack, operating time up to 24 h with backlight, charging time approx. 8 h, KERN YKR-01, € 35,-

- Protective working cover over the display device, scope of delivery: 5 items, KERN DE-A12S05, € 44,-
- **1** Column to screw on to the platform for models with weighing plate size **B**, **C**, height of stand approx. 480 mm, KERN DE-A10, € 120,- for models with weighing plate size **C**, height of stand approx. 600 mm, KERN DS-A03, € 140,-
- Mount to fasten the display device to the platform, for models with weighing plate size **B**, **C**, **D**, **E**, KERN DE-A11N, € 40,-
- Wall mount for display device, KERN DS-A02, € 33,-
- **2** Set for underfloor weighing, consists of platform, bow, hook, only for models with weighing plate **B**, KERN DS-A01, € 230,-
- External data interface RS-232, interface cable included, KERN KUP-01, € 60,-
- External data interface USB, interface cable included, KERN KUP-03, € 75,-
- External data interface Ethernet, KERN KUP-04, € 115,-
- External data interface WiFi, interface cable included, KERN KUP-05, € 75,-
- Bluetooth interface adapter, KERN KUP-06, € 99,-
- Extension box for connecting up to three interfaces in parallel, KERN KUP-13, € 75,-
- Further details, plenty of further accessories and suitable printers see *Accessories*

STANDARD



OPTION



Model	Weighing capacity [Max] kg	Readability [d] g	Smallest part weight (Normal) g/piece	Resolution Points	Cable length approx. m	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options	
									DAkKS KERN	Calibr. Certificate €
DS 3K0.01S	3	0,01	0,1	300.000	2	4,2	A	710,-	963-127	98,-
DS 5K0.05S	5	0,05	0,1	100.000	2	4,2	A	640,-	963-127	98,-
DS 8K0.05	8	0,05	0,5	160.000	2	8	B	610,-	963-128	118,-
DS 10K0.1S	10	0,1	1	100.000	2	4,2	A	640,-	963-128	118,-
DS 16K0.1	16	0,1	1	160.000	2	8	B	620,-	963-128	118,-
DS 20K0.1	20	0,1	1	200.000	2	8	B	640,-	963-128	118,-
DS 30K0.1	30	0,1	1	300.000	2	8	B	680,-	963-128	118,-
DS 30K0.1L	30	0,1	1	300.000	0,6	19	C	1150,-	963-128	118,-
DS 36K0.2	36	0,2	1	180.000	0,6	10	B	620,-	963-128	118,-
DS 36K0.2L	36	0,2	1	180.000	0,6	19	C	1070,-	963-128	118,-
DS 60K0.2	60	0,2	2	300.000	0,6	19	C	1150,-	963-129	146,-
DS 65K0.5	65	0,5	2	130.000	0,6	19	C	1080,-	963-129	146,-
DS 100K0.5	100	0,5	5	200.000	0,6	19	C	1140,-	963-129	146,-
DS 150K1	150	1	10	150.000	0,6	19	C	1140,-	963-129	146,-



Convenience for industry: Stainless steel platform scales with up to four interfaces and intuitive operation, also with optional verification

Features

- Tough industry standard suitable for use in harsh industrial applications
- Standardised, convenient KERN concept of operation, consistency across products in terms of design, menu structure, button functions, interface connection and interface protocol
- Industry 4.0: The exchange of data and control commands is optional using up to four interfaces to suit individual requirements: two wired connections (RS 232, Ethernet, USB or analogue module) and two wireless connections (WiFi or Bluetooth)
- Each interface can be set up separately, e.g.:
 - Interface 1 (WiFi): Continuous sending to PC for documentation of a process
 - Interface 2 (RS-232): Print stable weight
 - Interface 3 (analogue module): Controlling a device when the target weight is reached
 - Interface 4 (Bluetooth): Continuous sending to a tablet to monitor a process
- Available as an option with alibi memory for paperless archiving of weighing results. This also means the results of weighings with mandatory verification can be electronically evaluated and processed further
- Data query and remote control of the balance using a computer or CRM/ERP systems using the KERN Communication Protocol
- **1** Platform: weighing plate of stainless steel, painted steel base, silicone-coated aluminium load cell with protection against dust and water splashes IP65
- Superior display size: digit height 48 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

Technical data

- Large backlit LCD display, digit height 48 mm
- Weighing plate dimensions, stainless steel
 - A** W×D×H 300×240×105 mm
 - B** W×D×H 400×300×114 mm, see larger picture
 - C** W×D×H 500×400×124 mm
 - D** W×D×H 650×500×136 mm
- Dimensions of display device W×D×H 232×150×80 mm
- Cable length of display device approx. 3 m
- Permissible ambient temperature -10 °C/40 °C



Accessories

- Internal rechargeable battery pack, operating time up to 48 h without backlight, charging time approx. 8 h, KERN YKR-01, **€ 35,-**
- Stand to elevate display device
 - 3 Height of stand approx. 330 mm, KERN IXC-A01, **€ 118,-**
 - 4 Height of stand approx. 600 mm, not suitable for models with weighing plate size A, KERN IXC-A02, **€ 118,-**
- Internal data interface RS-232, interface cable included, KERN KUM-01, **€ 120,-**
- Internal data interface USB, interface cable included, KERN KUM-03, **€ 120,-**
- Internal data interface Ethernet, interface cable included, KERN KUM-04, **€ 165,-**

- Internal data interface WiFi, KERN KUM-05, **€ 95,-**
- Internal data interface Bluetooth, KERN KUM-06, **€ 135,-**
- Analogue module, KERN KUM-08, **€ 145,-**
- Memory module with real time clock (alibi memory), KERN YMM-06, **€ 160,-**
- ESD drain to protect against electrostatic discharge e.g. for electrostatically-charged weighing objects or people who work with the scale, KERN YGR-01, **€ 60,-**
- Signal lamp for visual support of weighing with tolerance range, (only in combination with Data interface RS-232 KERN KUM-01), KERN CFS-A03, **€ 310,-**

- Roller conveyor attachment, with smooth-running, hot-dip galvanised steel rollers with ball bearings, robust aluminium profile frame for models ≥ 30 kg [Max] with weighing plate size
 - B KERN YRO-01, **€ 830,-**
 - C - D KERN YRO-02, **€ 870,-**
 - E KERN YRO-03, **€ 1200,-**
- Further details, plenty of further accessories and suitable printers see *Accessories*

*Note: only two wired connections (RS-232, Ethernet, USB or analogue module) and two wireless connections (WiFi, Bluetooth) can be used at the same time

STANDARD

CAL EXT | KCP | GLP | INTERN | PCS | SUM | 0/0 | TOL | MOVE | IP 65 | IP 68 | 230 V | DMS | 1 DAY | ET | DAKkS +3 DAYS

FACTORY

ALIBI | RS 232 | USB | BT | WIFI | D/A | LAN | ACCU | +3 DAYS

IXC-M

Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Verification	Options	DAKkS	Calibr.	Certificate
KERN IXC 6K-4	6	0,2	-	-	6	A	660,-	KERN	-	963-128	118,-	118,-
KERN IXC 10K-4	15	0,5	-	-	6	A	680,-	-	-	963-128	118,-	118,-
KERN IXC 10K-4L	15	0,5	-	-	11	B	740,-	-	-	963-128	118,-	118,-
KERN IXC 30K-3	30	1	-	-	11	B	720,-	-	-	963-128	118,-	118,-
KERN IXC 30K-3L	30	1	-	-	22	C	860,-	-	-	963-128	118,-	118,-
KERN IXC 60K-3	60	2	-	-	11	B	780,-	-	-	963-129	146,-	146,-
KERN IXC 60K-3L	60	2	-	-	22	C	870,-	-	-	963-129	146,-	146,-
KERN IXC 100K-3	150	5	-	-	22	C	850,-	-	-	963-129	146,-	146,-
KERN IXC 100K-3L	150	5	-	-	36	D	1010,-	-	-	963-129	146,-	146,-
KERN IXC 300K-3	300	10	-	-	36	D	1200,-	-	-	963-129	146,-	146,-

Multi-range balance, with increasing load it switches automatically to the next largest weighing range [Max] and readout [d] and when the load is fully removed, the balance switches back to the lower range

KERN IXC 6K-3M	3 6	1 2	1 2	20 40	6	A	660,-	965-228	84,-	963-128	118,-	118,-
KERN IXC 10K-3M	6 15	2 5	2 5	40 100	6	A	680,-	965-228	84,-	963-128	118,-	118,-
KERN IXC 10K-3LM	6 15	2 5	2 5	40 100	11	B	740,-	965-228	84,-	963-128	118,-	118,-
KERN IXC 30K-3M	15 30	5 10	5 10	100 200	11	B	720,-	965-228	84,-	963-128	118,-	118,-
KERN IXC 30K-3LM	15 30	5 10	5 10	100 200	22	C	860,-	965-228	84,-	963-128	118,-	118,-
KERN IXC 60K-2M	30 60	10 20	10 20	200 400	11	B	780,-	965-229	110,-	963-129	146,-	146,-
KERN IXC 60K-2LM	30 60	10 20	10 20	200 400	22	C	870,-	965-229	110,-	963-129	146,-	146,-
KERN IXC 100K-2M	60 150	20 50	20 50	400 1000	22	C	850,-	965-229	110,-	963-129	146,-	146,-
KERN IXC 100K-2LM	60 150	20 50	20 50	400 1000	36	D	1010,-	965-229	110,-	963-129	146,-	146,-
KERN IXC 300K-2M	150 300	50 100	50 100	1000 2000	36	D	1200,-	965-229	110,-	963-129	146,-	146,-

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.

New model



Platform scale with IP65 dust and spray protection, verification optional

Features

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

Technical data

- Large backlit LCD display, digit height 22 mm
- Weighing plate dimensions, stainless steel
 - A** W×D×H 300×240×105 mm, see larger picture
 - B** W×D×H 400×300×114 mm
 - C** W×D×H 500×400×124 mm
 - D** W×D×H 650×500×136 mm
- Dimensions of display device W×D×H 195×120×70 mm
- Rechargeable battery pack integrated, as standard, operating time up to 35 h without backlight, charging time approx. 12 h
- Cable length of display device approx. 3 m
- Permissible ambient temperature -10 °C/40 °C

Accessories

- Stand to elevate display device
 - 2** for models with weighing plate size **A - D**: Height of stand approx. 200 mm, KERN SFE-A01, **€ 75,-**
 - 2** for models with weighing plate size **B - D**: Height of stand approx. 400 mm, KERN SFE-A02, **€ 75,-**
 - 3** for models with weighing plate size **C - D**: Height of stand approx. 600 mm, KERN SFE-A03, **€ 95,-**
- Tare pan made from stainless steel, ideal for weighing loose small parts as well as fruits, vegetables, etc., overall dimensions W×D×H 400×300×45 mm, KERN RFS-A02, **€ 75,-**

STANDARD



OPTION



FACTORY



Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options			
								Verification M D KERN €	DAkkS KERN €	Calibr. Certificate €	
SFE 6K-3NM	6	2	2	40	6	A	490,-	965-228	84,-	963-128	118,-
SFE 10K-3NM	15	5	5	100	6	A	475,-	965-228	84,-	963-128	118,-
SFE 10K-3LNM	15	5	5	100	8	B	560,-	965-228	84,-	963-128	118,-
SFE 30K-2NM	30	10	10	200	6	A	490,-	965-228	84,-	963-128	118,-
SFE 60K-2NM	60	20	20	400	8	B	550,-	965-229	110,-	963-129	146,-
SFE 60K-2LNM	60	20	20	400	12	C	670,-	965-229	110,-	963-129	146,-
SFE 100K-2NM	150	50	50	1000	8	B	580,-	965-229	110,-	963-129	146,-
SFE 100K-2LNM	150	50	50	1000	12	C	650,-	965-229	110,-	963-129	146,-
SFE 100K-2XLNM	150	50	50	1000	22	D	930,-	965-229	110,-	963-129	146,-
SFE 300K-1LNM	300	100	100	2000	22	D	910,-	965-229	110,-	963-129	146,-

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.

1 ONLY WHILE STOCKS LAST

KERN & SOHN GmbH

Balances, Test Weights, Microscopes,
DAkkS Calibration Laboratory
Ziegelei 1
72336 Balingen
Germany
Tel. +49 7433 9933-0
info@kern-sohn.com
www.kern-sohn.com

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