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)

Industrial platform scale KERN EOC


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Features

- **High mobility:** thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations (laboratory, production, quality control, commissioning etc.)
- 1 **Platform:** weighing plate stainless steel, painted steel base, silicone-coated aluminium load cell, protection against dust and water splashes IP65
- **Level indicator** and levelling feet for precise levelling of the scale, fitted as standard, to give the most accurate weighing result
- **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 W×D×H
  - A 300×300×100 mm
  - B 300×300×110 mm
  - C 500×400×120 mm
  - D 600×500×150 mm
  - E 950×500×60 mm
- Dimensions of display device W×D×H 268×115×80 mm
- Permissible ambient temperature -10 °C/40 °C

Accessories

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

STANDARD

OPTION

Model KERN	Weighing range [Max] kg	Readout [d] g	Smallest part weight [counting] g/piece	Cable length mm	Net weight approx. kg	Weighing plate		Option DAkkS Calibr. Certificate DKD KERN	
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		963-128	
EOC 10K-3	6 | 12	2 | 5	2	3	7	A		963-128	
EOC 30K-3	15 | 35	5 | 10	5	3	7	A		963-128	
EOC 30K-3L	15 | 35	5 | 10	5	3	11	B		963-128	
EOC 60K-2	30 | 60	10 | 20	5	3	7	A		963-129	
EOC 60K-2L	30 | 60	10 | 20	5	3	11	B		963-129	
EOC 100K-2	60 | 150	20 | 50	5	3	7	A		963-129	
EOC 100K-2L	60 | 150	20 | 50	5	3	11	B		963-129	
EOC 100K-2XL	60 | 150	20 | 50	5	3	24	C		963-129	
EOC 100K-2XXL	60 | 150	20 | 50	5	2,7	16	D		963-129	
EOC 300K-2	150 | 300	50 | 100	5	3	11	B		963-129	
EOC 300K-2L	150 | 300	50 | 100	5	3	24	C		963-129	
EOC 6K-4A	6	0,5	0,5	3	7	A		963-128	
EOC 10K-3A	12	1	1	3	7	A		963-128	
EOC 20K-3A	24	2	1	3	7	A		963-128	
EOC 60K-3A	60	5	5	3	7	A		963-129	
EOC 100K-2A	120	10	5	3	11	B		963-129	
Dual-range balance with high resolution readout									
EOC 10K-4	6 | 15	0,2 | 0,5	2	3	7	A		963-128	
EOC 30K-4	15 | 35	0,5 | 1	5	3	11	B		963-128	
EOC 60K-3	30 | 60	1 | 2	10	3	7	A		963-129	
EOC 60K-3L	30 | 60	1 | 2	5	3	11	B		963-129	
EOC 100K-3	60 | 150	2 | 5	2	3	7	A		963-129	
EOC 100K-3L	60 | 150	2 | 5	2	3	11	B		963-129	
EOC 300K-3	150 | 300	5 | 10	5	3	11	B		963-129	

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.

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

Alibi memory: Electronic archiving of weighing results, complying with the 2014/31/EU standard.

Data interface RS-232: 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. High tolerance against electromagnetic disturbance.

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.

WLAN 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.

Interface for second balance: For direct connection of a second balance.

Network interface: For connecting the scale to an Ethernet network. With KERN products you can use a universal RS-232/LAN converter.

Wireless data transfer: between the weighing unit and the evaluation unit using an integrated radio module.

GLP/ISO log: The balance displays the weight, date and time, regardless of a printer connection.

GLP/ISO log: 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: Separate memory for the weight of the tare container and the recipe ingredients (net total).

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

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.

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. non-metric units at the touch of a key. See balance model. Please refer to KERN's website for more details.

Weighing with tolerance range: Upper and lower limiting values can be programmed individually for e.g. dosing, sorting and portioning.

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.

ATEX explosion protection: Suitable for use in hazardous industrial environments, in which there is explosion danger. The ATEX marking is specified for each device.

Stainless steel: The balance is protected against corrosion.

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 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

Mains adapter: 230V/50Hz in standard version for EU. On request GB, USA or AUS version available.

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

Weighing principle: Strain gauge 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.

Verification possible: The time required for verification is specified in the pictogram.

DAkkS calibration possible (DKD): The time required for DAkkS 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.

Warranty: The warranty period is shown in the pictogram.

KERN – Precision is our business

To ensure the high precision of your balance KERN offers you the the appropriate test weight in the international OIML error limit classes E1-M3 from 1 mg - 2500 kg. In combination with a DAkkS calibration certificate the best pre-requisite for proper balance calibration.

The KERN DAkkS calibration laboratory today is one of the most modern and best-equipped DAkkS calibration laboratories for balances, test weights and force-measurement in Europe.
Thanks to the high level of automation, we can carry out DAkkS calibration of balances, test weights and force-measuring devices 24 hours a day, 7 days a week.

Range of services:
- DAkkS calibration of balances with a maximum load of up to 50 t
- DAkkS calibration of weights in the range of 1 mg – 2500 kg
- Volume determination and measuring of magnetic susceptibility (magnetic characteristics) for test weights
- Database supported management of checking equipment and reminder service
- Calibration of force-measuring devices
- DAkkS calibration certificates in the following languages DE, GB, FR, IT, ES, NL, PL
- Conformity evaluation and reverification of balances and test weights

Your KERN specialist dealer: