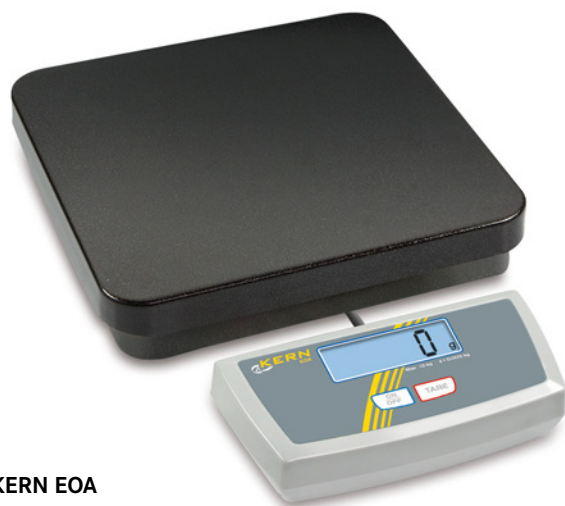
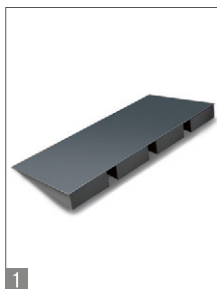


Parcel scales KERN EOA · EOE



KERN EOA



KERN EOE

Parcel scale for fast and easy weighing in the office, production, dispatch etc.

Features

- **High mobility:** Battery operation, compact, flat construction and low weight make this scale ideal for the use in several locations
- Weighing plate steel, lacquered

EOA:

- **Simple and convenient 2-key operation**
- **Adjusting program CAL**, external test weights at an additional price, see page 165 ff.

EOE:

- **Wall mount** for display device standard
- **Vibration-free weighing:** When the weighing conditions are unstable, a stable weight is calculated determining an average value

Technical data

- Large LCD display, digit height 25 mm
- Permissible ambient temperature 10 °C / 35 °C
- Ready for use: Batteries included, 9 V Block (EOA) / 6 x 1.5 V AA (EOE), operating time up to 60 h

EOA:

- Dimensions of display device WxDxH 226x55x111 mm

EOE:

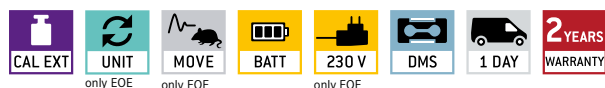
- Dimensions of display device WxDxH 210x110x45 mm

Accessories

EOE:

- **Ascending ramp** incl. pair of base plates for models with weighing plate size WxD 505x505 mm, not included. WxDxH 505x507x61 mm, can be retrofitted, KERN EOE-A02
- **Non-slip rubber mat**, WxD 945x505 mm, KERN EOE-A01
- **Sturdy transport case**, for models with weighing plate size ≤ 315x305x65 mm, for details see page 162, KERN MPS-A07

STANDARD











































OPTION



Model	Weighing range [Max] kg	Readout [d] g	Repro-ducibility g	Linearity g	Net weight approx. kg	Cable length approx. m	Weighing plate mm	Option DAkKS Calibr. Certificate	
								DAkKS KERN	
KERN									
EOA 10K-3	15	5	5	± 25	3	1,4	315x305x30	963-128	
EOA 30K-2	35	10	10	± 50	3	1,4	315x305x30	963-128	
EOA 50K-2	60	20	20	± 100	3	1,4	315x305x30	963-129	
EOA 100K-2	150	50	50	± 250	3	1,4	315x305x30	963-129	
EOE									
EOE 15K10	15	10	10	± 20	4	1,8	315x305x65	963-128	
EOE 35K20	35	20	20	± 40	4	1,8	315x305x65	963-128	
EOE 60K50	60	50	50	± 100	4	1,8	315x305x65	963-129	
EOE 150K50L	150	50	50	± 100	12,5	2,7	505x505x65	963-129	
EOE 150K50XL	150	50	50	± 100	19,5	2,7	945x505x65	963-129	
EOE 150K100	150	100	100	± 200	4	1,8	315x305x65	963-129	
EOE 300K100L	300	100	100	± 200	12,5	2,7	505x505x65	963-129	
EOE 300K100XL	300	100	100	± 200	19,5	2,7	945x505x65	963-129	

KERN Pictograms

 Internal adjusting: Quick setting up of the balance's accuracy with internal adjusting weight (motordriven).	 Recipe level A: Separate memory for the weight of the tare container and the recipe ingredients (net total).	 Suspended weighing: Load support with hook on the underside of the balance.
 Adjusting program CAL: For quick setting up of the balance's accuracy. External adjusting weight required.	 Recipe level B: Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display.	 Battery operation: Ready for battery operation. The battery type is specified for each device.
 Memory: Balance memory capacity, e.g. for article data, weighing data, tare weights, PLU etc.	 Recipe level C: Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display. Additional convenient functions, such as barcode and back calculation functions.	 Rechargeable battery pack: Rechargeable set.
 Data interface RS-232: To connect the balance to a printer, PC or network.	 Mains adapter: 230V/50Hz in standard version for EU. On request GB, AUS or USA version available.	
 RS-485 data interface: To connect the balance to a printer, PC or other peripherals. High tolerance against electromagnetic disturbance.	 Totalising level A: The weights of similar items can be added together and the total can be printed out.	 Power supply: Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, AUS or USA on request.
 USB data interface: To connect the balance to a printer, PC or other peripherals.	 Totalising level C: Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display. Additional convenient functions, such as barcode and back calculation.	 Strain gauges: Electrical resistor on an elastic deforming body.
 Bluetooth data interface: To transfer data from the balance to a printer, PC or other peripherals.	 Tuning fork principle: A resonating body is electromagnetically excited, causing it to oscillate.	
 WLAN data interface: To transfer data from the balance to a printer, PC or other peripherals.	 Percentage determination: Determining the deviation in % from the target value (100 %).	 Electromagnetic force compensation: Coil inside a permanent magnet. For the most accurate weighings.
 Control outputs (optocoupler, digital I/O): To connect relays, signal lamps, valves, etc.	 Weighing 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.	 Single cell technology: Advanced version of the force compensation principle with the highest level of precision.
 Interface for second balance: For direct connection of a second balance.	 Weighing with tolerance range: Upper and lower limiting values can be programmed individually for e.g. dosing, sorting and portioning.	 Verification possible: The time required for verification is specified 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.	 Vibration-free weighing: (Animal weighing program) When the weighing conditions are unstable, a stable weight is calculated as an average value.	 DAkKS calibration possible: The time required for DAkKS calibration is shown in days in the pictogram.
 GLP/ISO log: The balance displays the weight, date and time, regardless of a printer connection.	 Protection against dust and water splashes IPxx: The type of protection is shown in the pictogram. For details see the glossary.	 Package shipment: The time required for internal shipping preparations is shown in days in the pictogram.
 GLP/ISO log: With weight, date and time. Only with KERN printers, see "Accessories"	 ATEX explosion protection: Suitable for use in hazardous industrial environments, in which there is explosion danger. The ATEX marking is specified for each device.	 Pallet shipment: The time required for internal shipping preparations is shown in days in the pictogram.
 Piece counting: Reference quantities selectable. Display can be switched from piece to weight.	 Stainless steel: The balance is protected against corrosion.	 Warranty: The warranty period is shown in the pictogram.

Precision is our business

To ensure the high precision of your balance KERN offers you the appropriate test weight in the international OIML error limit classes E1-M3 from 1 mg - 2000 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.

Your KERN specialist dealer:

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 6 t
- DAkKS calibration of weights in the range of 1 mg - 500 kg
- Database supported management of checking equipment and reminder service
- Calibration of force-measuring devices
- DAkKS calibration certificates in the following languages D, GB, F, I, E, NL