

Platform scales KERN EOL · EOE



KERN EOL

KERN EOE

Entry level platform scales with the best price-performance ratio

Features

- **Simple and convenient 4-key operation**

EOL:

- **Particularly flat design**

EOE:

- **Wall mount** for display device standard
- **Vibration-free weighing:** at the push of a button, a stable average weight is given when the environmental conditions are unstable or when weighing animals

Technical data

- Large LCD display, digit height 25 mm
- Weighing plate steel lacquered
- Optional battery operation

EOL:

- Dimensions of display device WxDxH 160x90x32 mm
- Ready for use: 9 V Block included, operating time approx. 60 h
- Permissible ambient temperature 5 °C / 35 °C

EOE:

- Dimensions of display device WxDxH 210x110x45 mm
- Permissible ambient temperature 10 °C / 35 °C

Accessories

EOL:

- **Mains adapter external** not included, can be reordered, KERN 440-902

EOE:

- **Ascending ramp** incl. pair of base plates for models with weighing plate sizes WxD 505x505 mm, not included. WxDxH 505x507x87 mm, KERN EOE-A02
- **Non-slip rubber mat**, WxD 945x505 mm, KERN EOE-A01
- **Sturdy transport case**, for models with weighing plate sizes ≤ 315x305x65 mm, details see page 132, KERN MPS-A07

STANDARD

































OPTION



Model	Weighing range [Max] kg	Read-out [d] g	Reproducibility g	Linearity g	Net weight approx. kg	Cable length approx. m	Weighing plate mm	Option	
								DKD	DKD Calibr. Certificate
KERN									
EOL 60K100 *	60	100	100	± 200	1,4	2,6	293x270x35	963-129	
EOL 120K200 *	120	200	200	± 400	1,4	2,6	293x270x35	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 150K100	150	100	100	± 200	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 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	

! * ONLY WHILE STOCKS LAST

KERN Pictograms

 Internal adjusting (CAL): Quick setting of the balance's accuracy with internal adjusting weight (motordriven).	 Adjusting program (CAL): For quick setting of the balance's accuracy. External adjusting weight required.	 Memory: Balance contains memories, e.g. for item data, weighing data, tare weights etc. PLU
 Data interface RS-232: To connect the balance to a printer, PC or network	 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 also use a universal RS-232/LAN converter.	 GLP/ISO record keeping: of weighing data with date, time and identification-no. Only with printers from KERN.	 Piece counting: Reference quantities selectable. Display can be switched from piece to weight
 Net-total weighing: weight of tare cup and weight of components memorized in two separate stores.	 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 can be programmed individually, e.g. dosing/sorting and portioning.	 Vibration-free weighing: (Animal weighing program) Vibrations are filtered out so that a stable weight is obtained.	 Spray and dust protection IPxx: The type of protection is shown by the pictogram. For details see the glossary.
 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.	 Mains adapter: 230V/50Hz in standard version for Germany. On request GB, AUS or USA version.	 Power supply: integrated in balance. 230V/50Hz in Germany. More standards e. g. GB, AUS, USA on request.
 Strain gauges: Electrical resistor on an elastic deforming body.	 Tuning fork principle: A resonating body is electromagnetically excited, causing it to oscillate.	 Electromagnetic force compensation: Coil in a permanent magnet. For the most accurate weighings.
 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.	 DKD calibration possible: The time required for DKD calibration is shown in days in the pictogram.
 Package shipment: The time required to manufacture the product internally is shown in days in the pictogram.	 Pallet shipment: The time required to manufacture the product internally is shown in days in the pictogram.	 Warranty: The warranty period is shown in the pictogram.

Precision is our business

To ensure the high level of precision of your balance, KERN offers the appropriate test weight package for your balance. This consists of the test weight, box and DKD calibration certificate, as proof of its accuracy. The best way to ensure proper balance calibration.

In the extensive KERN test weight range, you will find test weights in the international OIML error limit classes: E 1, E 2, F 1, F 2, M 1, M 2, and M 3 with weights from 1 mg to 2000 kg.

The KERN DKD calibration laboratory for electronic balances and weights has been accredited by DKD since 1994 and today is one of the most modern and best-equipped DKD calibration laboratories for balances, test weights and force-measurement in Europe. (DKD = German Calibration Service ~ UKAS)

Your KERN specialist dealer:

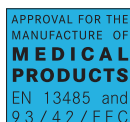
Thanks to the high level of automation, we can carry out DKD calibration of balances, test weights and force-measuring devices 24 hours a day, 7 days a week.

Range of services:

- DKD calibration of balances with a maximum load of up to 6000 kg
- DKD 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
- DKD calibration certificates in the following languages
D, GB, F, I, E, NL, PL

Do you have questions about your scale, the corresponding test weight or the calibration service? Your KERN specialist dealer will be pleased to assist you.

KERN – Professional measuring. Measuring technology and testing services from a single source



German Excellence Group
Member