

# Platform scales KERN EOL · EOE



## KERN EOL

## KERN EOE

### Allround platform scales with the best price-performance ratio

#### Features

#### Technical data

#### Options

- **Simple and convenient 4-key operation**
- **UNITS:** Further weighing units see the internet

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

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

- EOL:*
- **Particularly flat design**

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

- EOE:*
- **Ascending ramp** 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

- EOE:*
- **Wall mount** for display device standard
  - **Animal weighing program:** When the animal moves during the weighing process, a stable average value is obtained by pressing the HOLD key. This value remains „frozen“ until the HOLD key is pressed again

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

- **Sturdy transport case**, for models with weighing plate sizes ≤ 315x305x65 mm, details see page 125, KERN MPS-A07

#### STANDARD



#### OPTION



#### 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 KERN	DKD Calibr. Certificate
<b>KERN</b>									
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	
<b>EOE</b>									
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

 <b>Internal adjusting (CAL):</b> Quick setting of the balance's accuracy with internal adjusting weight (motordriven).	 <b>Adjusting program (CAL):</b> For quick setting of the balance's accuracy. External adjusting weight required.	 <b>Weighing units:</b> 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.
 <b>Rechargeable battery pack:</b> rechargeable set.	 <b>Power supply:</b> integrated in balance. 230V/50Hz in Germany. On request GB, AUS or USA version.	 <b>Mains adapter:</b> 230V/50Hz in standard version for Germany. On request GB, AUS or USA version.
 <b>Battery operation:</b> The battery type is specified for each device.	 <b>Piece counting:</b> Reference quantities selectable. Display can be switched from piece to weight	 <b>Spray and dust protection IPxx</b> The type of protection is shown by the pictogram. For details see the glossary.
 <b>Data interface:</b> The type of interface is shown by the pictogram. See the glossary for further details.	 <b>GLP/ISO record keeping</b> of weighing data with date, time and identification-no. Only with printers from KERN.	 <b>Tare:</b> put back displayed value to "0" during weighing process, e.g. to add or remove weighing material from a container.
 <b>Dynamic weighing:</b> Strong vibrations are filtered out to determine a stable weighing result.	 <b>Stainless steel:</b> the balance is protected against corrosion.	 <b>Warranty:</b> The warranty period is shown in the pictogram.
 <b>Net-total weighing:</b> weight of tare cup and weight of components memorized in two separate stores.	 <b>Suspended weighing:</b> load support with hook on the underside of the balance.	 <b>Verification possible:</b> The time required for verification is specified in the pictogram.
 <b>Percentage determination:</b> Determining the deviation in % from the target value (100%).	 <b>Weighing with tolerance range:</b> Upper and lower limiting can be programmed individually, e.g. dosing/sorting.	 <b>DKD calibration possible:</b> The time required for DKD calibration is specified in the pictogram.
 <b>Package shipment</b> via courier.	 <b>Pallet shipment</b> via freight forwarder.	<b>[DMS]</b> For details on weighing technologies, see the glossary.

## 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: E1, E2, F1, F2, M1, M2, and M3 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)

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.

## Your KERN specialist dealer:

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



German Excellence Group  
Member