Parcel scales KERN EOA · EOE

NEW







KERN EOA

KERN EOE

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

Features

- **High mobility:** Battery operation, compact, flat construction and low weight make this balance ideal for 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 143 ff.

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 LCDdisplay, 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 226x111x55 mm

EOE:

- Dimensions of display device WxDxH 210x110x45 mm

Accessories

- **Sturdy transport case**, for models with weighing plate sizes ≤ 315x305x65 mm, details see page 140, KERN MPS-A07

EOE:

- 1 **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

STANDARD

CAL EXT · UNIT (only EOE) · MOVE (only EOE) · BATT · 230 V (only EOE) · DMS · 1 DAY · 2 YEARS WARRANTY

OPTION

DKD +3 DAYS

Model KERN	Weighing range [Max] kg	Readout [d] g	Repro-ducibility g	Linearity g	Net weight approx. kg	Cable length approx. m	Weighing plate mm		Option DKD Calibr. Certificate DKD 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 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	

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.

RS 485 data interface: To connect the balance to a printer, PC or other peripheral devices. High tolerance against electromagnetic disturbance.

USB data interface: To connect the balance to a printer, PC or other peripheral devices.

Bluetooth data interface: To transfer data from the balance to a printer, PC or other peripheral devices.

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.

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 displays.

Recipe level C: Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through displays. Additional convenient functions, such as barcode and back calculation functions.

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 precision of your balance KERN offers you the the appropriate test weight package for your balance, consisting of the test weight, box and DKD certificate, as proof of ist accuracy ... the best pre-requisite for 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, M3 with weights from 1 mg - 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 6 t
- 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 corresponsing test weight or the calibration service ? Your KERN specialist dealer will be pleased to assist you.

Your KERN specialist dealer: