Precision balance KERN EMB











Entry level laboratory balance with tremendous weighing performance

Features

- **Ready for use:** Batteries included, 9V, operating time approx. 12 h. AUTO-OFF function to preserve the battery, can be switched off
- Tare function facilitates formulation work
- Particularly flat design
- Secure and non-slip positioning with rubber feet

Technical data

- Large LCD display, digit height 15 mm
 Dimensions of weighing plate (plastic)
 Ø 82 mm
- Bø 105 mm
- **■** ø 150 mm, see larger picture
- Overall dimensions WxDxH 170x240x39 mm
- Net weight approx. 0,5 kg
- Permissible ambient temperature 5°C / 35°C

Options

- **II Ring-shaped draft shield**, plastic, only for models with weighing plate sizes **A**, KERN EMB-A01
- Stainless steel-weighing plate, only for models with weighing plate sizes **B**, KERN EMB-A02
- Mains adapter external not included, can be reordered, KERN 440-902

| STANDARD | | | | | OPTION | OPTION STANDARD | | |
|----------|-------|------|---------------------|-----|--------|-----------------|---------------------------------------|----------------|
| CAL EXT | UNDER | BATT | 0.00 TARE | DMS | | 1 DAY | 2 _{YEARS} GUARANTY | DKD +3 DAYS |

| Model | Weighing range | Readout | Repro- ducibility | Linearity | Weighing plate | Option DKD Calibr. Certificate | |
|--------------|----------------|---------|----------------------|-----------|----------------|-----------------------------------|--|
| | [Max] | [d] | | | | DKD | |
| KERN | g | g | g | g | | KERN | |
| EMB 100-3 | 100 | 0,001 | 0,001 | ± 0,003 | A | 963-127 | |
| EMB 200-3 | 200 | 0,001 | 0,001 | ± 0,003 | А | 963-127 | |
| EMB 200-2 | 200 | 0,01 | 0,01 | ± 0,02 | В | 963-127 | |
| EMB 600-2 | 600 | 0,01 | 0,01 | ± 0,03 | В | 963-127 | |
| EMB 1000-2 | 1000 | 0,01 | 0,01 | ± 0,03 | С | 963-127 | |
| EMB 2000-2 | 2000 | 0,01 | 0,01 | ± 0,03 | С | 963-127 | |
| EMB 500-1 | 500 | 0,1 | 0,1 | ± 0,2 | С | 963-127 | |
| EMB 1200-1 | 1200 | 0,1 | 0,1 | ± 0,3 | C | 963-127 | |
| EMB 3000-1 📟 | 3000 | 0,1 | 0,1 | ± 0,3 | С | 963-127 | |
| EMB 6000-1 | 6000 | 0,1 | 0,1 | ± 0,3 | С | 963-128 | |
| EMB 2200-0 | 2200 | 1 | 1 | ± 2 | С | 963-127 | |
| EMB 5.2K1 | 5200 | 1 | 1 | ± 3 | С | 963-128 | |
| EMB 5.2K5 | 5200 | 5 | 5 | ± 10 | С | 963-128 | |

New model

KERN Pictograms



Internal adjusting (CAL): Quick setting of the balance's accuracy with internal adjusting weight (motordriven).



Rechargeable battery pack: rechargeable set.



Battery operation: The battery type is



specified for each device.



Data interface: The type of interface is shown by the pictogram. See the glossary for further details.



Dynamic weighing: Strong vibrations are filtered out to determine a stable weighing



result. 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%).





Package shipment via courier.

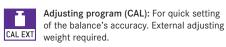
Precision is our business

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)

Your KERN specialist dealer:



Power supply: integrated in balance. -C= 230V/50Hz in Germany. On request GB, 230 V AUS or USA version.





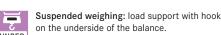
GLP/ISO record keeping of weighing data GLP with date, time and identification-no.



PROTOCOL Only with printers from KERN. Stainless steel: the balance is protected



against corrosion.



UNDER



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

Pallet shipment via freight forwarder.



Weighing units: Can be switched to e.g. nonmetric units at the touch of a key. See balance model. Please refer to KERN's website for more details.



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



0.00

3YEARS

GUARANTY

Spray and dust protection IPxx The type of protection is shown by the pictogram. For details see the glossary.

Tare: put back displayed value to "0" during weighing process, e.g. to add or remove weig-TARE hing material from a container.

> Warranty: The warranty period is shown in the pictogram.



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



DKD calibration possible: The time required for DKD calibration is specified in the pictogram.

[DMS] For details on weighing technologies, see the glossary.

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 corresponsing 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









