KERN

PROFESSIONAL CARE

Small pet scale KERN EMB




## All-purpose small pet scale for mobile and stationary use

### Features

- Ideal table scale for weighing small animals or for the laboratory
- Particularly flat design
- Plastic weighing tray, removable
- For easy and hygienic cleaning
- Tare function facilitates formulation work
- Simple and convenient 2-key operation

### Technical data

- LCD display, digit height 15 mm
- Dimensions of weighing plate:
  A ⌀ 82 mm
  B ⌀ 105 mm
  C ⌀ 150 mm, see larger picture
- Batteries included,
  9 V block respectively 2×1,5 V AA
- Socket for mains adapter included

### Accessories

- External universal mains adapter, with universal input and optional input socket adapters for EU, GB, USA, not included, can be reordered, KERN YKA-03N

STANDARD

CAL EXT | UNIT | UNDER | BATT | DMS | 1 DAY

OPTION

B MULTI

| Model<br><br>KERN | Weighing range<br>[Max]<br>g | Readability<br>[d]<br>g | Weighing plate | Dimensions housing W×D×H<br><br>mm | Net weight approx.<br><br>kg | |
|---|---|---|---|---|---|---|
| **EMB 200-3** | 200 | 0,001 | A | 170×240×54 | 0,85 | |
| **EMB 200-2** | 200 | 0,01 | B | 170×240×39 | 0,50 | |
| **EMB 600-2** | 600 | 0,01 | B | 170×240×39 | 0,50 | |
| **EMB 2000-2** | 2000 | 0,01 | C | 170×240×54 | 0,90 | |
| **EMB 500-1** | 500 | 0,1 | C | 170×240×39 | 0,55 | |
| **EMB 1200-1** | 1200 | 0,1 | C | 170×240×39 | 0,55 | |
| **EMB 6000-1** | 6000 | 0,1 | C | 170×240×39 | 0,55 | |
| **EMB 2200-0** | 2200 | 1 | C | 170×240×39 | 0,55 | |
| **EMB 5.2K1** | 5200 | 1 | C | 170×240×39 | 0,55 | |
| **EMB 5.2K5** | 5200 | 5 | C | 170×240×39 | 0,55 | |

**KERN & SOHN GmbH** · Ziegelei 1 · 72336 Balingen · Germany · Tel. +49 7433 9933-0 · Fax +49 7433 9933-146 · www.kern-sohn.com · info@kern-sohn.com

## Pictograms

**Adjusting program CAL:**
For quick setting up of the balance's accuracy. External adjusting weight required.

**Memory:**
Balance memory capacity, e.g. for article data, weighing data, tare weights, PLU etc.

**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 peripherals. Suitable for data transfer over large distances. Network in bus topology is possible

**KERN Communication Protocol (KCP):**
It is a standardized interface command set for KERN balances and other instruments, which allows retrieving and controlling all relevant parameters and functions of the device. KERN devices featuring KCP are thus easily integrated with computers, industrial controllers and other digital systems

**Bluetooth* data interface:**
To transfer data from the balance to a printer, PC or other peripherals

**Control outputs (optocoupler, digital I/O):**
To connect relays, signal lamps, valves, etc.

**Statistics:**
using the saved values, the device calculates statistical data, such as average value, standard deviation etc.

**PC Software:**
to transfer the measurements from the device to a PC

**GLP/ISO-Protokoll:**
With date and time.
Only with KERN printers

**Piece counting:**
Reference quantities selectable.
Display can be switched from piece to weight

**Totalising level A:**
The weights of similar items can be added together and the total can be printed out.

**Weighing units:**
Can be switched to e.g. nonmetric units at the touch of a key. Please refer to website for more details

**Weighing with tolerance range:**
(Check weighing) Upper and lower limiting can be programmed individually, e.g. for sorting and dosing. The process is supported by an audible or visual signal, see the relevant model

**ZERO:**
Resets the display to "0"

**Hold function:**
When patients do not stand, sit or lie completely still, a stable weight is calculated using an average weight

**Hold function:**
When the weighing conditions are unstable, a stable weight is calculated as an average value.

**Protection against dust and water splashes IPxx:**
The type of protection is shown in the pictogram.

**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.

**Battery operation rechargable:**
Prepared for a rechargable battery operation

**Universal mains adapter:**
with universal input and optional input socket adapters for A) EU, CH
B) EU, CH, GB, USA

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

**Power supply:**
Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, AUS or USA on request.

**Weighing principle: Strain gauges**
Electrical resistor on an elastic deforming body.

**Peak hold function:**
capturing a peak value within a measuring process.

**Push and Pull:**
the measuring device can capture tension and compression forces.

**Integrated scale:**
In the eyepiece.

**360° rotatable microscope head**

**Monocular Microscope:**
For the inspection with one eye.

**Binocular Microscope:**
For the inspection with both eyes

**Trinocular Microscope:**
For the inspection with both eyes and the additional option for the connection of a camera

**Abbe Condenser:**
With high numerical aperture for the concentration and the focusing of light.

**Halogen illumination:**
For pictures bright and rich in contrast.

**LED illumination:**
Cold, energy saving and especially long-life illumination.

**Fluorescence illumination for compound microscopes:**
With 100 W mercury lamp and filter.

**Fluorescence illumination for compound microscopes:**
With 3 W LED illumination and filter.

**Phase contrast unit:**
For a higher contrast.

**Darkfield condenser/unit:**
For a higher contrast due to indirect illumination

**Polarising unit:**
To polarise the light.

**Infinity system:**
Infinity corrected optical system.

**Automatic temperature compesation:**
For measurements between 10 °C and 30 °C

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

**Package shipment:**
The time required for internal shipping preparations is shown in days in the pictogram.

**Pallet shipment:**
The time required for internal shipping preparations is shown in days in the pictogram.

*The *Bluetooth*® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by KERN & SOHN GmbH is under license. Other trademarks and trade names are those of their respective owners.

## Your KERN specialist dealer