

Baby scale KERN MBD

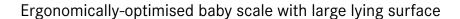






**HOME CARE** 





#### **Features**

- · Modern design
- Large, ergonomically optimised tray for safe weighing of neonates
- Robust plastic tray
- Easy and hygienic cleaning
- Particularly flat and lightweight construction, so it is easy to transport and store
- Secure and non-slip positioning with rubber feet
- · Easy to use
- Data hold function: for easy reading of the weight display
- Special function for neonatology centres:
  Difference function for calculating the weight gain before and after feeding
- Internal weight memory for one weight value
- Integrated AUTO-OFF function to preserve the batteries
- · Weight displayed in kg or lb
- Note: The models are only delivered in a set of 5 units. I.e. the price given in the table refers to a delivery of 5 items. Cannot be delivered individually.

#### Technical data

- · LCD display, digit height 30 mm
- Dimensions of tray W×D 560×225 mm
- Overall dimensions
  W×D×H 650×350×55 mm
- Batteries included, 2×1,5 V AAA, operating time up to 20 h
- · Net weight approx. 2 kg

# Accessories

- Cleaning cloths, alcohol-free cleaning cloths for wipe disinfection, quick-acting, on basis of modern quaternary ammonium compounds, and also against papova viruses. Particularly gentle on materials, and therefore very well suited for the disinfection of alcohol sensitive medical products. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20×22 cm per cloth, KERN MYC-01
- In Carrying bag for mobile use, a carrying handle and shoulder strap ensure comfortable handling
- **Note:** This model is only delivered in a set of 5 units. I.e. the price given refers to a delivery of 5 items. Cannot be delivered individually, KERN YTB-01S05
- Backpack for mobile use, 2 padded carrying straps and carrying handles for safe, convenient handling, additional, large zipped compartment for storing objects.
  Note: This model is only delivered in a set of 5 units. I.e. the price given refers to a delivery of 5 items. Cannot be delivered individually, KERN YTB-02S05

# STANDARD









| Model        | Weighing range | Readability |  |
|--------------|----------------|-------------|--|
| KERN         | [Max]<br>kg    | [d]<br>kg   |  |
| MBD 20K-2S05 | 15             | 0,01        |  |

# **MEDICAL SCALES 2021**



### **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



#### 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



#### **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



#### 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



#### 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



#### ZERO

Resets the display to "0"



# Protection against dust and water splashes IPxx:

The type of protection is shown in the pictogram



#### 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



#### 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 100W mercury lamp and filter



# Fluorescence illumination for compound microscopes:

With 3W 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

Your KERN specialist dealer







