MEDICAL SCALES 2022

Baby scale KERN MBD





Ergonomically-optimised baby scale with large lying surface

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. That means the price refers to a delivery of 5 units. 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 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
- II 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



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



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Pictograms



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

MEMORY

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



To connect the balance to a printer, PC or network

Data interface RS-232:



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



KCP

SOFTWARE

GLP/ISO log: 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



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TOL

Weighing units: Can be switched to e.g. nonmetric units.

Please refer to website for more details

Weighing with tolerance range:

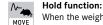
(Check weighing) Upper and lower limiting can be programmed individually, e.g. for sorting and dosing. The process is supported by an audible or visual signal, see the relevant model



Hold function:

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

Your KERN specialist dealer



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 cf. DIN EN 60529:2000-09, IEC 60529:1989+A1:1999+A2:2013



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 plug-in power supply: with universal input and optional input socket adapters for A) EU, CH; B) EU, CH, GB, USA





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



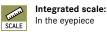
Weighing principle: Strain gauges Electrical resistor on an elastic deforming body



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



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



360° rotatable microscope head





MONO

Monocular Microscope: For the inspection with one eye



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BINO

Trinocular Microscope:

Binocular Microscope:

For the inspection with both eyes

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



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ABBE

Halogen illumination: For pictures bright and rich in contrast

Ð LED

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

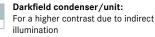


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POLAR

Phase contrast unit: For a higher contrast



To polarise the light

Polarising unit:



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