

## Baby scale KERN MBD

### HOME CARE



## Ergonomically-optimised baby scale with large lying surface

### Features

- Modern design
- Large, ergonomically optimised tray for safe weighing of neonates
- Robust plastic tray
- For easy and hygienic cleaning
- Particularly flat and lightweight construction, so it is easy to transport and store
- Secure and non-slip positioning with height-adjustable 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 a 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 WxD 560x225 mm
- Overall dimensions WxDxH 650x350x55 mm
- Batteries included, 2x1,5 V AAA, operating time up to 20 h
- Net weight approx. 2 kg

### Accessories

- Cleaning cloths, alcohol-free cloths for wipe disinfectant, 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 20x22 cm per cloth, KERN MYC-01
- **1** Carrying case for mobile use, a carrying handle and shoulder strap mean that it is easy to carry.
  - 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
- **2** 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	
	[Max] kg	[d] kg	
<b>KERN</b>			
<b>MBD 20K-2S05</b>	15	0,01	

## Pictograms

<p><b>Adjusting program CAL:</b> For quick setting up of the balance's accuracy. External adjusting weight required.</p>	<p><b>ZERO:</b> Resets the display to "0"</p>	<p><b>360° rotatable microscope head</b></p>
<p><b>Memory:</b> Balance memory capacity, e.g. for article data, weighing data, tare weights, PLU etc.</p>	<p><b>Hold function:</b> When patients do not stand, sit or lie completely still, a stable weight is calculated using an average weight</p>	<p><b>Monocular Microscope:</b> For the inspection with one eye.</p>
<p><b>Data interface RS-232:</b> To connect the balance to a printer, PC or network</p>	<p><b>Hold function:</b> When the weighing conditions are unstable, a stable weight is calculated as an average value.</p>	<p><b>Binocular Microscope:</b> For the inspection with both eyes</p>
<p><b>RS-485 data interface:</b> To connect the balance to a printer, PC or other peripherals. Suitable for data transfer over large distances. Network in bus topology is possible</p>	<p><b>Protection against dust and water splashes IPxx:</b> The type of protection is shown in the pictogram.</p>	<p><b>Trinocular Microscope:</b> For the inspection with both eyes and the additional option for the connection of a camera</p>
<p><b>KERN Communication Protocol (KCP):</b> 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</p>	<p><b>Stainless steel:</b> The balance is protected against corrosion.</p>	<p><b>Abbe Condenser:</b> With high numerical aperture for the concentration and the focusing of light.</p>
<p><b>Bluetooth® data interface:</b> To transfer data from the balance to a printer, PC or other peripherals</p>	<p><b>Suspended weighing:</b> Load support with hook on the underside of the balance.</p>	<p><b>Halogen illumination:</b> For pictures bright and rich in contrast.</p>
<p><b>Control outputs (optocoupler, digital I/O):</b> To connect relays, signal lamps, valves, etc.</p>	<p><b>Battery operation:</b> Ready for battery operation. The battery type is specified for each device.</p>	<p><b>LED illumination:</b> Cold, energy saving and especially long-life illumination.</p>
<p><b>Statistics:</b> using the saved values, the device calculates statistical data, such as average value, standard deviation etc.</p>	<p><b>Rechargeable battery pack:</b> Rechargeable set.</p>	<p><b>Fluorescence illumination for compound microscopes:</b> With 100W mercury lamp and filter.</p>
<p><b>PC Software:</b> to transfer the measurements from the device to a PC</p>	<p><b>Battery operation rechargeable:</b> Prepared for a rechargeable battery operation</p>	<p><b>Fluorescence illumination for compound microscopes:</b> With 3 W LED illumination and filter.</p>
<p><b>GLP/ISO-Protokoll:</b> With date and time. Only with KERN printers</p>	<p><b>Universal mains adapter:</b> with universal input and optional input socket adapters for A) EU, CH B) EU, CH, GB, USA</p>	<p><b>Phase contrast unit:</b> For a higher contrast.</p>
<p><b>Piece counting:</b> Reference quantities selectable. Display can be switched from piece to weight</p>	<p><b>Mains adapter:</b> 230V/50Hz in standard version for EU. On request GB, AUS or USA version available.</p>	<p><b>Darkfield condenser/unit:</b> For a higher contrast due to indirect illumination</p>
<p><b>Totalising level A:</b> The weights of similar items can be added together and the total can be printed out.</p>	<p><b>Power supply:</b> Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, AUS or USA on request.</p>	<p><b>Polarising unit:</b> To polarise the light.</p>
<p><b>Weighing units:</b> Can be switched to e.g. nonmetric units at the touch of a key. Please refer to website for more details</p>	<p><b>Weighing principle: Strain gauges</b> Electrical resistor on an elastic deforming body.</p>	<p><b>Infinity system:</b> Infinity corrected optical system.</p>
<p><b>Weighing with tolerance range:</b> (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</p>	<p><b>Peak hold function:</b> capturing a peak value within a measuring process.</p>	<p><b>Automatic temperature compensation:</b> For measurements between 10 °C and 30 °C</p>
	<p><b>Push and Pull:</b> the measuring device can capture tension and compression forces.</p>	<p><b>Verification possible:</b> The time required for verification is specified in the pictogram.</p>
	<p><b>Integrated scale:</b> In the eyepiece.</p>	<p><b>Package shipment:</b> The time required for internal shipping preparations is shown in days in the pictogram.</p>
		<p><b>Pallet shipment:</b> The time required for internal shipping preparations is shown in days in the pictogram.</p>

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