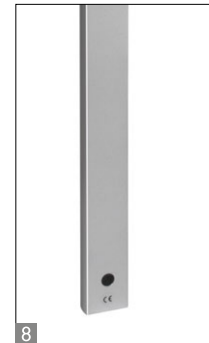
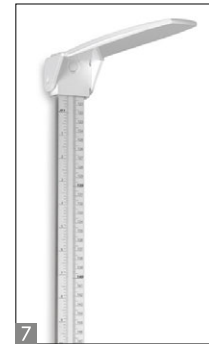
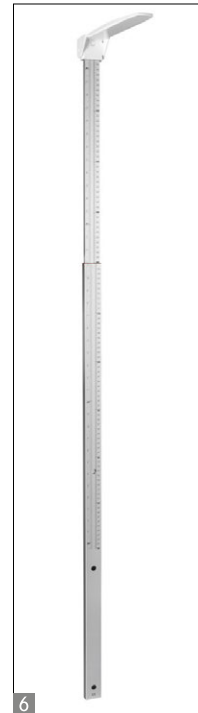


Height rods KERN MSB · MSC · MSF

APPROVED MEDICAL DEVICE



When every centimetre counts – mechanical height rods approved as a medical device for professional use in medical diagnostics

3 KERN MSB 80
Portable mechanical height rod

Features

- Approved as a medical device according to 93/42/EEC
- For babies of up to 80 cm in length
- Measuring range 10–80 cm; increments of 1 mm
- Large guide surfaces make handling easier (aligning, shifting, reading)
- **4** Measuring scale begins with 0 at right and left, so it can be used in both directions
- Height rod can be taken apart for compact storage
- Overall dimensions max. W×D×H 890×330×100 mm
- Net weight approx. 0,7 kg

5 KERN MSC 100
Portable mechanical height rod

Features

- Approved as a medical device according to 93/42/EEC
- For infants up to a maximum of 100 cm in length
- Measuring range 6,5–100 cm (2½–39¼ inch); increments of 1 mm (¼ inch)
- Readability on scale with moveable stop
- Sturdy aluminum profile
- Stop can be folded for compact storage
- Overall dimensions max. W×D×H 1040×290×55 mm
- Net weight approx. 0,8 kg

6 KERN MSF 200
Mechanical height rod

Features

- Approved as a medical device according to 93/42/EEC
- Measuring range 60–205 cm (23½–78¾ inch); increments of 1 mm (¼ inch)
- **7** Readability on scale with moveable, foldable stop or mounting on KERN scales MPS-PM (page 14), MPB-P (page 16) MTS-M (page 38) or **8** wall-mounted
- Sturdy aluminum profile
- Overall dimensions max. W×D×H 60×330×1630 mm
- Net weight approx. 0,7 kg

STANDARD



Pictograms

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

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Your KERN specialist dealer