



Circumference measuring tape and height rods for professional use in medical diagnostics

1 KERN MSW 200

Convenient tape for measuring circumference with convenient pull-out mechanism

Features

- Continuous pull-out measuring tape for precise measurement e.g. around the body
- Ideal to determine the WHR (Waist-to-Hip-Ratio), which can give information about the distribution of the body's fat deposits using an indirect determination of abdominal fat
- Useful diagnosis instrument
- Integrated feed mechanism
- The easiest handling:
 - Pull out the measuring tape,
 - Hang it in the recess provided for this,
 - Operate the feed mechanism,
 - Read measurement value with millimetre precision
- Measuring tape length 2,05 m (80 inch)
- Net weight approx. 0,05 kg
- **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.

2 KERN MBA-A01

Portable mechanical height rod

Features

- Robust construction
- Compact size
- Easy and hygienic cleaning
- For babies up to a maximum of 80 cm
- Measuring range 30–80 cm (11,8–31,5 inch); increments of 1 mm (0,04 inch)
- Readability on scale with moveable stop
- Large guide surfaces make handling easier (aligning, shifting, reading)
- Overall dimensions max. W×D×H 850×240×60 mm
- Net weight approx. 0,36 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>Memory: Balance memory capacity, e.g. for article data, weighing data, tare weights, PLU etc.</p>	<p>ZERO: Resets the display to "0"</p>	<p>Trinocular Microscope: For the inspection with both eyes and the additional option for the connection of a camera</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 cf. DIN EN 60529:2000-09, IEC 60529:1989+A1:1999+A2:2013</p>	<p>Abbe Condenser: With high numerical aperture for the concentration and the focusing of light</p>
<p>Control outputs (optocoupler, digital I/O): To connect relays, signal lamps, valves, etc.</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>Statistics: using the saved values, the device calculates statistical data, such as average value, standard deviation 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>PC Software: to transfer the measurements from the device to a PC</p>	<p>Rechargeable battery pack: Rechargeable set</p>	<p>Fluorescence illumination for compound microscopes: With 100W mercury lamp and filter</p>
<p>GLP/ISO log: With date and time. Only with KERN printers</p>	<p>Universal plug-in power supply: with universal input and optional input socket adapters for A) EU, CH; B) EU, CH, GB, USA</p>	<p>Fluorescence illumination for compound microscopes: With 3W LED illumination and filter</p>
<p>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</p>	<p>Plug-in power supply: 230V/50Hz in standard version for EU. On request GB, AUS or USA version available</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>Integrated power supply unit: Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, AUS or USA on request</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>Weighing principle: Strain gauges Electrical resistor on an elastic deforming body</p>	<p>Polarising unit: To polarise the light</p>
<p>Weighing units: Can be switched to e.g. nonmetric units. Please refer to website for more details</p>	<p>Peak hold function: capturing a peak value within a measuring process</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>Push and Pull: the measuring device can capture tension and compression forces</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>Integrated scale: In the eyepiece</p>	<p>Verification possible: The time required for verification is specified in the pictogram</p>
<p>Monocular Microscope: For the inspection with one eye</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>Pallet shipment: The time required for internal shipping preparations is shown in days in the pictogram</p>

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