Height rods KERN MSB · MSC · MSF

APPROVED MEDICAL DEVICE


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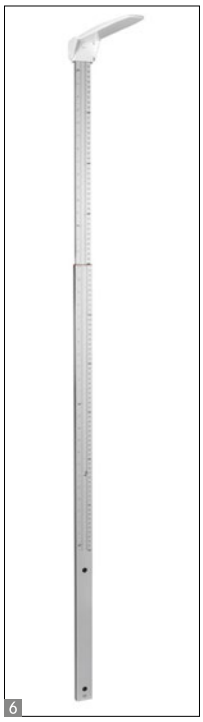
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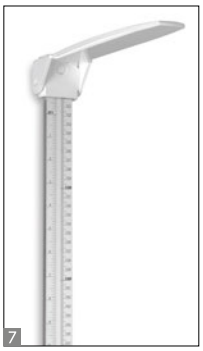
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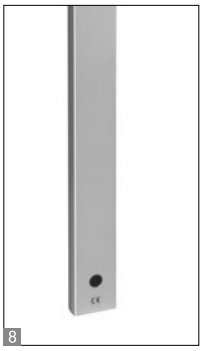
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When every centimetre counts – mechanical height rods approved as a medical device for professional use in medical diagnostics

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
- 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
- Measuring range 6,5–100 cm (2½–39¼ inch); increments of 1 mm (1⁄16 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 (1⁄16 inch)
- 7 Readability on scale with moveable, foldable stop or mounting on KERN scales MPS-PM (page 14), MPB-P (page 16) or 8 wall-mounted
- Sturdy aluminum profile
- Overall dimensions max. W×D×H 60×330×1630 mm
- Net weight approx. 0,7 kg

STANDARD

1 DAY

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 value

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 100 W mercury lamp and filter

Fluorescence illumination for compound microscopes:
With 3 W 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