

## Height rods KERN MSC



### 5 KERN MSC 100

#### Portable mechanical height rod

##### Features

- For infants up to a maximum of 100 cm in length
- 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

STANDARD



## Pictograms



### Adjusting program CAL:

For quick setting up of the balance's accuracy. External adjusting weight required.



### Hold function:

When the weighing conditions are unstable, a stable weight is calculated as an average value.



### Binocular Microscope:

For the inspection with both eyes



### Data interface RS-232:

To connect the balance to a printer, PC or network.



### Protection against dust and water splashes IPxx:

The type of protection is shown in the pictogram.



### Trinocular Microscope:

For the inspection with both eyes and the additional option for the connection of a camera



### 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



### Stainless steel:

The balance is protected against corrosion.



### Abbe Condenser:

With high numerical aperture for the concentration and the focusing of light.



### Bluetooth\* data interface:

To transfer data from the balance to a printer, PC or other peripherals.



### Battery operation:

Ready for battery operation. The battery type is specified for each device.



### LED illumination:

Cold, energy saving and especially long-life illumination.



### Control outputs (optocoupler, digital I/O):

To connect relays, signal lamps, valves, etc.



### Rechargeable battery pack:

Rechargeable set.



### Fluorescence illumination for compound microscopes:

With 100 W mercury lamp and filter.



### Statistics:

using the saved values, the device calculates statistical data, such as average value, standard deviation etc.



### Battery operation rechargeable:

Prepared for a rechargeable battery operation



### Fluorescence illumination for compound microscopes:

With 3 W LED illumination and filter.



### PC Software:

to transfer the measurements from the device to a PC.



### Universal mains adapter:

with universal input and optional input socket adapters for A) EU, CH B) EU, CH, GB, USA



### Phase contrast unit:

For a higher contrast.



### GLP/ISO-Protokoll:

With date and time. Only with KERN printers.



### Mains adapter:

230V/50Hz in standard version for EU. On request GB, AUS or USA version available.



### Darkfield condenser/unit:

For a higher contrast due to indirect illumination



### Piece counting:

Reference quantities selectable. Display can be switched from piece to weight.



### Power supply:

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



### Polarising unit:

To polarise the light.



### Totalising level A:

The weights of similar items can be added together and the total can be printed out.



### Weighing principle: Strain gauges

Electrical resistor on an elastic deforming body.



### Infinity system:

Infinity corrected optical system.



### Weighing units:

Can be switched to e.g. nonmetric units at the touch of a key. Please refer to website for more details.



### Peak hold function:

capturing a peak value within a measuring process.



### Automatic temperature compensation:

For measurements between 10 °C and 30 °C



### 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



### Push and Pull:

the measuring device can capture tension and compression forces.



### Verification possible:

The time required for verification is specified in the pictogram.



### Integrated scale:

In the eyepiece.



### Package shipment:

The time required for internal shipping preparations is shown in days in the pictogram.



### Hold function:

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



### 360° rotatable microscope head



### Monocular Microscope:

For the inspection with one eye.



### Pallet shipment:

The time required for internal shipping preparations is shown in days in the pictogram.

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