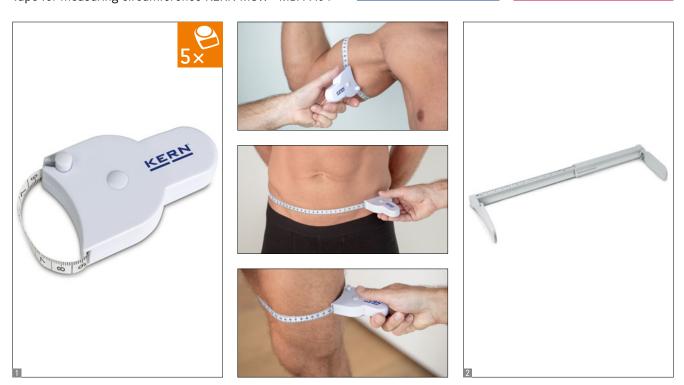
## **MEDICAL SCALES 2022**



PROFESSIONAL CARE

APPROVED MEDICAL DEVICE



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

#### 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.

#### 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



# **MEDICAL SCALES 2022**



#### 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.



To connect the balance to a printer, PC or network

Data interface RS-232:



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



KCP

SOFTWARE

GLP/ISO log: 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



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TOL

Weighing units:

Can be switched to e.g. nonmetric units. 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

### Your KERN specialist dealer

**Impex Produkter AS** Gamle Drammensvei 107 1363 HØVIK www.impex.no info@impex.no Tel.: 22 32 77 20

#### Hold function: ^~\_

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



ZERO: Resets the display to "0"



Protection against dust and water splashes  $\ensuremath{\text{\rm IPxx:}}$  The type of protection is shown in the pictogram cf. DIN EN 60529:2000-09, IEC 60529:1989+A1:1999+A2:2013



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



request

Universal plug-in power supply: with universal input and optional input socket adapters for A) EU, CH; B) EU, CH, GB, USA

Integrated power supply unit:

230V/50Hz in standard version for EU. On

request GB, AUS or USA version available

Integrated in balance. 230V/50Hz standard

EU. More standards e.g. GB, AUS or USA on

Plug-in power supply:



-C 230 V



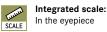
Weighing principle: Strain gauges Electrical resistor on an elastic deforming body



Peak hold function: capturing a peak value within a measuring process



Push and Pull: the measuring device can capture tension and compression forces



360° rotatable Ö microscope head 360



Monocular Microscope: For the inspection with one eye



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BINO

### Trinocular Microscope:

Binocular Microscope:

For the inspection with both eyes

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



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ABBE

Halogen illumination: For pictures bright and rich in contrast

Ð LED

LED illumination:

Cold, energy-saving and especially long-life illumination

Fluorescence illumination

for compound microscopes:



FL-LED

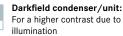
Fluorescence illumination for compound microscopes: With 3W LED illumination and filter

With 100W mercury lamp and filter



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Phase contrast unit: For a higher contrast



For a higher contrast due to indirect



Polarising unit: To polarise the light



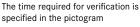
Infinity system: Infinity corrected optical system



Automatic temperature compesation: For measurements between 10 °C and 30 °C

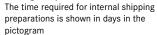


Verification possible:





Package shipment:





Pallet shipment: The time required for internal shipping preparations is shown in days in the pictogram