# **MEDICAL SCALES 2021**



## Personal floor scale KERN MPI





PROFESSIONAL CARE



Personal scale with particularly large, flat weighing plate to make it easier to step on and give maximum safety

#### Features

- This personal scale is the ideal measuring instrument for elderly care, paramedics or privat sector, and can weigh overweight persons up to 200 kg
- Very large weighing plate
- Easy and hygienic cleaning
- In the scale can be easily transported using a handle and does not require much storage space
- 2 Particularly flat design facilitates access
- Very large platform with non-slip and wear-resistant plastic-surface
- Easy to operate: simply tap – stand – read the weight
- Integrated AUTO-OFF function to preserve the batteries
- Weight displayed in kg or lb
- Large high-contrast display that is easy to read
- Delivered in appealing packaging
- Note: The models are only delivered in a set of 5 units. I.e. the price given in the table refers to a delivery of 5 items. Cannot be delivered individually.

#### Technical data

- LCD display, digit height 30 mm
- Overall dimensions W×D×H 433×370×35 mm
- Batteries included, 4×1,5 V AAA, operating time up to 20 h
- Net weight approx. 3 kg

#### Accessories

 Cleaning cloths, alcohol-free cleaning cloths for wipe disinfection, quick-acting, on basis of modern quaternary ammonium compounds, and also against papova viruses. Particularly gentle on materials, and therefore very well suited for the disinfection of alcohol sensitive medical products. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20×22 cm per cloth, KERN MYC-01



Model	Weighing range	Readability	
KERN	[Max] kg	[d] kg	
MPI 200K-1S05	200	0,1	

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### 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,



PC Software: to transfer the measurements from the device to a PC



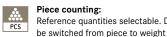
KCP

GLP/ISO-Protokoll: With date and time. Only with KERN printers

standard deviation etc.

#### 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

 $\mathbb{H}^{\prime}$ SUM

 $\mathcal{C}$ 

UNIT

⊙ 3,0

TOL

# together and the total can be printed out

**Totalising level A:** 

Weighing units: Can be switched to e.g. nonmetric units at

The weights of similar items can be added

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

### Your KERN specialist dealer





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



ZERO: Resets the display to "0"



splashes IPxx: The type of protection is shown in the pictogram

Protection against dust and water

Suspended weighing: Ē Load support with hook on the underside UNDER of the balance

Ready for battery operation. The battery

type is specified for each device



BATT

ACCU

Rechargeable battery pack: Rechargeable set

Universal mains adapter:

**Battery operation:** 



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



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

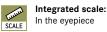
Power supply: Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, AUS or USA on request



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 and the additional option for the connection of a camera

For the inspection with both eyes

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:



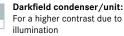
Fluorescence illumination for compound microscopes: With 3W LED illumination and filter

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: 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







Weighing principle: Strain gauges Electrical resistor on an elastic



deforming body







