

## Personal floor scale KERN MPE-E

APPROVED MEDICAL DEVICE

NEW



Mobile personal floor scale with BMI function and battery operation - with EC type approval class III and approval for professional medical use in medical diagnostics

### Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC
- Personal floor scale MPE-E identically with MPE though without mains adapters, only battery operation. With a particularly attractive price
- **1** Practical second display on the back of the balance, which makes it easy for both the patient and the doctor or nursing staff to read the weight
- **2** The MPE-HE model has an elegant height measuring stick integrated into the column, which can be pulled out for use and which has a sturdy plastic head rest and a measuring range from 88-205 cm
- The ergonomically optimised shape and robust design mean that this range is ideal for daily use in a professional environment
- Secure and non-slip positioning with height-adjustable rubber feet.
- Level indicator to level the balance precisely
- Large platform with non-slip and wear-resistant surface made of plastic, to provide a secure footing for patients
- Hold function
- Mother and child function
- BMI function

- High resolution readability: readability [d] for 5 sec. increased by one decimal place at the touch of a key
- Easy to transport thanks to the two integrated transport wheels
- Battery- or mains-powered, rechargeable battery operation optional

### Technical data

- Large backlit LCD display, digit height 25 mm
- Dimensions of weighing plate W×D×H 365×360×80 mm
- Overall dimensions  
MPE-HE: W×D×H 365×570×2134 mm (with extracted height rod),  
MPE-PE: W×D×H 365×570×1030 mm
- Battery operation possible, 6×1,5 V AA, included, operating time up to 20 h
- Data interface RS-232 standard
- Net weight approx. 12 kg

### Accessories

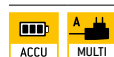
- Personal floor scale MPE-E identically with MPE though without mains adapters, only battery operation. With a particularly attractive price, KERN MPE-A01S05
- Cleaning cloths, alcohol-free cloths for wipe disinfectant. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20×22 cm per cloth, KERN MYC-01
- Internal rechargeable battery pack, operating time up to 40 h, without backlight, charging time approx. 12 h, only in combination with KERN MBC-A10, KERN MBC-A08
- Robust head rest made of aluminium, Factory option, KERN MPE-A02
- Mains adapter external, 230 V/50 Hz, standard EU, CH, KERN MBC-A10
- Interface cable RS-232C to connect an external device, KERN CFS-A01
- Matrix needle printer, KERN YKN-01
- Label printer, KERN YKE-01
- Thermal printer, KERN YKB-01N

For more details see the internet

#### STANDARD



#### OPTION



#### FACTORY



\* Within the EU, official verification is mandatory by law for scales that are intended for use as a medical device. Please add this to your order. We require the location of use and the post code for the verification.

Model	Weighing range	Readability	Verification value	Mandatory by law	
				Verification	
<b>KERN</b>	[Max] kg	[d] kg	[e] kg	<b>KERN</b>	
<b>MPE 250K-1PEM</b>	250	0,1	0,1	965-129	
<b>MPE 250K-1HEM</b>	250	0,1	0,1	965-129	

Datasheet\_MPE-E\_V1

## Pictograms

 <b>Adjusting program CAL:</b> For quick setting up of the balance's accuracy. External adjusting weight required.	 <b>Hold function:</b> When the weighing conditions are unstable, a stable weight is calculated as an average value.	 <b>Binocular Microscope:</b> For the inspection with both eyes
 <b>Data interface RS-232:</b> To connect the balance to a printer, PC or network.	 <b>Protection against dust and water splashes IPxx:</b> The type of protection is shown in the pictogram.	 <b>Trinocular Microscope:</b> For the inspection with both eyes and the additional option for the connection of a camera
 <b>RS-485 data interface:</b> To connect the balance to a printer, PC or other peripherals. Suitable for data transfer over large distances. Network in bus topology is possible	 <b>Stainless steel:</b> The balance is protected against corrosion.	 <b>Abbe Condenser:</b> With high numerical aperture for the concentration and the focusing of light.
 <b>Bluetooth* data interface:</b> To transfer data from the balance to a printer, PC or other peripherals.	 <b>Suspended weighing:</b> Load support with hook on the underside of the balance.	 <b>Halogen illumination:</b> For pictures bright and rich in contrast.
 <b>Control outputs (optocoupler, digital I/O):</b> To connect relays, signal lamps, valves, etc.	 <b>Battery operation:</b> Ready for battery operation. The battery type is specified for each device.	 <b>LED illumination:</b> Cold, energy saving and especially long-life illumination.
 <b>Statistics:</b> using the saved values, the device calculates statistical data, such as average value, standard deviation etc.	 <b>Rechargeable battery pack:</b> Rechargeable set.	 <b>Fluorescence illumination for compound microscopes:</b> With 100 W mercury lamp and filter.
 <b>PC Software:</b> to transfer the measurements from the device to a PC.	 <b>Battery operation rechargeable:</b> Prepared for a rechargeable battery operation	 <b>Fluorescence illumination for compound microscopes:</b> With 3 W LED illumination and filter.
 <b>GLP/ISO-Protokoll:</b> With date and time. Only with KERN printers.	 <b>Universal mains adapter:</b> with universal input and optional input socket adapters for A) EU, CH B) EU, CH, GB, USA	 <b>Phase contrast unit:</b> For a higher contrast.
 <b>Piece counting:</b> Reference quantities selectable. Display can be switched from piece to weight.	 <b>Mains adapter:</b> 230V/50Hz in standard version for EU. On request GB, AUS or USA version available.	 <b>Darkfield condenser/unit:</b> For a higher contrast due to indirect illumination
 <b>Totalising level A:</b> The weights of similar items can be added together and the total can be printed out.	 <b>Power supply:</b> Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, AUS or USA on request.	 <b>Polarising unit:</b> To polarise the light.
 <b>Weighing units:</b> Can be switched to e.g. nonmetric units at the touch of a key. Please refer to website for more details.	 <b>Weighing principle: Strain gauges</b> Electrical resistor on an elastic deforming body.	 <b>Infinity system:</b> Infinity corrected optical system.
 <b>Weighing with tolerance range:</b> (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	 <b>Peak hold function:</b> capturing a peak value within a measuring process.	 <b>Verification possible:</b> The time required for verification is specified in the pictogram.
 <b>Hold function:</b> When patients do not stand, sit or lie completely still, a stable weight is calculated using an average weight.	 <b>Push and Pull:</b> the measuring device can capture tension and compression forces.	 <b>Package shipment:</b> The time required for internal shipping preparations is shown in days in the pictogram.
	 <b>Integrated scale:</b> In the eyepiece.	 <b>Pallet shipment:</b> The time required for internal shipping preparations is shown in days in the pictogram.
	 <b>360° rotatable microscope head</b>	
	 <b>Monocular Microscope:</b> For the inspection with one eye.	

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