

Obesity scale KERN MXS

APPROVED MEDICAL DEVICE



Obesity scale for overweight patients – 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
- Ideal scale for bariatrics for weighing obese patients, thanks to the large, stable weighing platform and low-profile design, which makes it easier to step on the scale or to position a chair, etc.
- Sturdy steel weighing plate with a non-slip and wear-resistant surface
- Secure and non-slip positioning with height-adjustable rubber feet
- Level indicator to level the balance precisely
- Hold function:
When patients do not stand or sit completely still, a stable weight is calculated using an average weight and this is then “frozen”. This means that you have sufficient time to attend to the patient first and then take the weight reading in peace
- BMI function to determine underweight/normal weight/surplus weight

- Ergonomic display device with large numerical keypad and high-contrast LCD display for easy entry and reading of patient data, such as, for example, the height for calculating the BMI
- Wall mount for display device
- Battery- or mains-powered, rechargeable battery operation optional

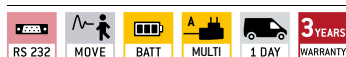
Technical data

- LCD display, digit height 25 mm
- Dimensions of weighing plate W×D×H 550×550×62 mm
- Dimensions of display device W×D×H 210×110×50 mm
- Cable length of display device approx. 170 cm
- Battery operation possible, 6×1,5V AA, not included, operating time up to 70 h
- Mains adapter (external) included
- Net weight approx. 14,5 kg

Accessories

- **1** Stand to elevate display device, height of stand approx. 950 mm, KERN MWS-A01
 - Mechanical height rod, measuring range between 60 – 200 cm, for wall-mounting, approved as a medical device according to 93/42/EEC, KERN MSF 200
 - Protective working cover over the display device, standard, can be re-ordered, scope of delivery: 5 items, KERN EOB-A02S05
 - 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 50 h, charging time approx. 24 h, KERN FOB-A08
 - Interface cable RS-232C to connect an external device, KERN MPS-A08
 - 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 [Max] kg	Readout [d] kg	Verification value [e] kg	Mandatory by law Verification	
				KERN	
MXS 300K100M	300	0,1	0,1	965-129	

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Pictograms

<p>Adjusting program CAL: For quick setting up of the balance's accuracy. External adjusting weight required.</p>	<p>Stainless steel: The balance is protected against corrosion</p>	<p>Abbe Condenser: With high numerical aperture for the concentration and the focusing of light</p>
<p>Data interface RS-232: To connect the balance to a printer, PC or network.</p>	<p>Suspended weighing: Load support with hook on the underside of the balance.</p>	<p>Halogen illumination: For pictures bright and rich in contrast</p>
<p>RS-485 data interface: To connect the balance to a printer, PC or other peripherals. High tolerance against electromagnetic disturbance.</p>	<p>Battery operation: Ready for battery operation. The battery type is specified for each device</p>	<p>LED illumination: Cold, energy saving and especially long-life illumination</p>
<p>Bluetooth* data interface: To transfer data from the balance to a printer, PC or other peripherals.</p>	<p>Rechargeable battery pack: Rechargeable set</p>	<p>Fluorescence illumination for compound microscopes: With 100 W mercury lamp and filter</p>
<p>Control outputs (optocoupler, digital I/O): To connect relays, signal lamps, valves, etc.</p>	<p>Battery operation rechargeable: Prepared for a rechargeable battery operation</p>	<p>Fluorescence illumination for compound microscopes: With 3 W LED illumination and filter</p>
<p>Statistics: using the saved values, the device calculates statistical data, such as average value, standard deviation etc.</p>	<p>Universal mains adapter: with universal input and optional input socket adapters for EU, GB.</p>	<p>Phase contrast unit: For a higher contrast</p>
<p>PC Software: to transfer the measurements from the device to a PC.</p>	<p>Mains adapter: 230V/50Hz in standard version for EU. On request GB, AUS or USA version available.</p>	<p>Darkfield condenser/unit: For a higher contrast due to indirect illumination</p>
<p>Wireless data transfer: between the weighing unit and the evaluation unit using an integrated radio module.</p>	<p>Power supply: Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, AUS or USA on request.</p>	<p>Polarising unit: To polarise the light</p>
<p>GLP/ISO log: With weight, date and time. Only with KERN printers.</p>	<p>Weighing principle: Strain gauges Electrical resistor on an elastic deforming body.</p>	<p>Infinity system: Infinity corrected optical system</p>
<p>Piece counting: Reference quantities selectable. Display can be switched from piece to weight.</p>	<p>Peak hold function: capturing a peak value within a measuring process.</p>	<p>Automatic temperature compensation: For measurements between 10 °C and 30 °C</p>
<p>Totalising level A: The weights of similar items can be added together and the total can be printed out.</p>	<p>Push and Pull: the measuring device can capture tension and compression forces.</p>	<p>Verification possible: The time required for verification is specified in the pictogram.</p>
<p>Weighing units: Can be switched to e.g. nonmetric units at the touch of a key. Please refer to website for more details.</p>	<p>Integrated scale: In the eyepiece</p>	<p>Package shipment: The time required for internal shipping preparations is shown in days in the pictogram.</p>
<p>Weighing with tolerance range: (Checkweighing) Upper and lower limiting values can be programmed individually for e.g. dosing, sorting and portioning.</p>	<p>360° rotatable microscope head</p>	<p>Pallet shipment: The time required for internal shipping preparations is shown in days in the pictogram.</p>
<p>Hold function: When patients do not stand, sit or lie completely still, a stable weight is calculated using an average weight.</p>	<p>Monocular Microscope: For the inspection with one eye.</p>	<p>Warranty: The warranty period is shown in the pictogram.</p>
<p>Hold function: When the weighing conditions are unstable, a stable weight is calculated as an average value.</p>	<p>Binocular Microscope: For the inspection with both eyes</p>	
<p>Protection against dust and water splashes IPxx: The type of protection is shown in the pictogram</p>	<p>Trinocular Microscope: For the inspection with both eyes and the additional option for the connection of a camera</p>	

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