

## Obesity scale KERN MXS

APPROVED MEDICAL DEVICE



Obesity scale for overweight patients – approved as a medical device and with EC type approval class III for professional 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
- Vibration-free weighing: Vibrations are filtered out so that a stable weight is obtained, ideal for restless patients
- Data hold function: When the weighing value remains unchanged the weight indicated on the display is automatically “frozen” until the HOLD key is pressed. This leaves sufficient time to look after the patient and then read the weight in peace
- BMI function to determine 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

### Technical data

- LCD display, digit height 25 mm
- Dimensions of weighing plate WxDxH 550x550x62 mm
- Dimensions of display device WxDxH 210x110x50 mm
- Cable length of display device approx. 170 cm
- Battery operation possible, 6 x 1,5V AA, not included, operating time up to 70 h
- Mains adapter (external) included
- Net weight approx. 14,5 kg

### Accessories

- 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, KERN MSF 200
- Protective working cover over the display device, KERN EOB-A02
- Cleaning cloths, alcohol-free cloths for wipe disinfectant, 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. Fulfil the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 80 pcs., size 20x22 cm per cloth KERN MYC-01
- Thermal printer for printing weights, 112 mm wide paper strips, housing dimensions WxDxH 165x140x50 mm, mains adapter 230V/50Hz as standard KERN YKB-01N
- Interface cable RS-232C to connect an external device, KERN MPS-A08

#### 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	Readout	Verification value		Mandatory by law		Option	
					Verification		DAkkS Calibr. Certificate	
KERN	[Max] kg	[d] kg	[e] kg				DAkkS	
MXS 300K100M	300	0,1	0,1		965-129		KERN	
							963-129	

ONLY WHILE STOCKS LAST

## Pictograms

 <b>Adjusting program CAL:</b> For quick setting up of the balance's accuracy. External adjusting weight required.	 <b>Protection against dust and water splashes IPxx:</b> The type of protection is shown in the pictogram.	 <b>Halogen illumination</b> For pictures bright and rich in contrast
 <b>Data interface RS-232:</b> To connect the balance to a printer, PC or network.	 <b>Stainless steel:</b> The balance is protected against corrosion.	 <b>LED illumination</b> Cold, energy saving and especially long-life illumination
 <b>RS-485 data interface:</b> To connect the balance to a printer, PC or other peripherals. High tolerance against electromagnetic disturbance.	 <b>Suspended weighing:</b> Load support with hook on the underside of the balance.	 <b>Fluorescence illumination for compound microscopes</b> With 100 W mercury lamp and filter
 <b>Bluetooth data interface:</b> To transfer data from the balance to a printer, PC or other peripherals.	 <b>Battery operation:</b> Ready for battery operation. The battery type is specified for each device.	 <b>Fluorescence illumination for compound microscopes</b> With 3 W LED illumination and filter
 <b>Control outputs (optocoupler, digital I/O):</b> To connect relays, signal lamps, valves, etc.	 <b>Rechargeable battery pack:</b> Rechargeable set.	 <b>Phase contrast unit</b> For a higher contrast
 <b>Statistics:</b> using the saved values, the device calculates statistical data, such as average value, standard deviation etc.	 <b>Mains adapter:</b> 230V/50Hz in standard version for EU. On request GB, AUS or USA version available.	 <b>Polarising unit</b> To polarise the light
 <b>PC Software:</b> to transfer the measurements from the device to a PC.	 <b>Power supply:</b> Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, AUS or USA on request.	 <b>Infinity system</b> Infinity corrected optical system
 <b>GLP/ISO log:</b> With weight, date and time. Only with KERN printers.	 <b>Strain gauges:</b> Electrical resistor on an elastic deforming body.	 <b>Automatic temperature compensation</b> For measurements between 10 °C and 30 °C
 <b>Piece counting:</b> Reference quantities selectable. Display can be switched from piece to weight.	 <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>Totalising level A:</b> The weights of similar items can be added together and the total can be printed out.	 <b>Push and Pull:</b> the measuring device can capture tension and compression forces.	 <b>DAkkS calibration possible:</b> The time required for DAkkS calibration is shown in days in the pictogram.
 <b>Weighing units:</b> Can be switched to e.g. nonmetric units at the touch of a key. See balance model. Please refer to KERN's website for more details.	 <b>360° rotatable microscope head</b>	 <b>Package shipment:</b> The time required for internal shipping preparations is shown in days in the pictogram.
 <b>Weighing with tolerance range:</b> Upper and lower limiting values can be programmed individually for e.g. dosing, sorting and portioning.	 <b>Binocular Microscope</b> For the inspection with both eyes	 <b>Pallet shipment:</b> The time required for internal shipping preparations is shown in days in the pictogram.
 <b>Vibration-free weighing:</b> When the weighing conditions are unstable, a stable weight is calculated as an average value	 <b>Trinocular Microscope</b> For the inspection with both eyes and the additional option for the connection of a camera	 <b>Warranty:</b> The warranty period is shown in the pictogram.
 <b>Vibration-free weighing:</b> When the weighing conditions are unstable, a stable weight is calculated as an average value	 <b>Abbe Condenser</b> With high numerical aperture for the concentration and the focusing of light	

## Your KERN specialist dealer