



**Mobile integratable chair scale with four steerable wheels for medical diagnostics, optionally with verification**

NEW





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#### Features

- Verification class III (verification is optional)
- Approved as a medical device according to regulation (EU) 2017/745
- Thanks to the integrated WiFi interface, this model is suited for wireless transfer of weights directly into the digital patient records. By doing this, any documentation or transfer errors which occur during manual data transfer are eliminated. Thanks to this technology, this model can be integrated into existing or future EMR and EHR systems and ensures that your investment is future-proofed right now
- KERN Universal Port (KUP): permits the connection of an external KUP interface adapter, such as, for example, RS-232, USB, Bluetooth, WiFi or Ethernet, for the exchange of data and control commands, without any installation outlay
- This networkable chair scale is the ideal measuring instrument for clinics, doctors' surgeries, retirement homes and rehabilitation centres with high patient volumes; it is also suitable for overweight people.
- **2** Mobile version with particularly convenient locking brakes on all four wheels

- With its four wheels, this chair scale provides maximum mobility in bringing the scale to the patient. This ensures more efficient use of time for the clinic staff and greater safety for the patients who can be weighed in their familiar environment
- The four steerable rollers, with their large diameter, make it easier to get over door thresholds, edges and across the gaps into elevators
- For fragile patients, the comfortable, ergonomically optimised seat offers secure support during weighing
- **1** Two foldable armrests and footrests make transfers into the chair easier. Ideal for overweight patients or barrier-free use, e.g. for transfers from a bed to the scale
- Hold function: While weighing patients that are unable to sit still, a mean average weight value is determined. This allows for sufficient time to attend to the patient, and then get a weight reading
- BMI function to determine underweight/normal weight/surplus weight
- High resolution readability: readability [d] can be increased by one decimal place for 5 sec. by the touch of a key
- Battery- or mains-powered, rechargeable battery operation optional

#### Technical data

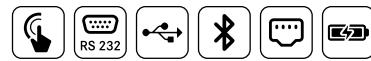
- Large LCD display, digit height 25 mm
- Dimensions of display device WxDxH 210x54x100 mm
- Dimensions of seating surface WxD 390x360 mm
- Overall dimensions WxDxH 647x860x910 mm
- Battery operation possible, 6x1.5 V AA not included, operating time up to 20 h
- Mains adapter external, standard
- Net weight approx. 22 kg

\* Within the EU, official verification (conformity assessment in accordance with NAWI 2014/31/EU) is mandatory by law for scales that are intended for use as a medical device. Please order this where you state the location of installation and postcode.

#### STANDARD



#### OPTION



#### FACTORY



#### Model

#### Weighing capacity

#### Readability

#### Verification value

#### Mandatory by law

#### Verification

KERN

NEW

[Max]  
kg

[d]  
kg

[e]  
kg

M III

KERN

MCF 300K-1M

300

0,1

0,1

965-129

# KERN Pictograms

 <b>External adjustment</b> Quick setting up of the balance's accuracy with external adjusting weight	 <b>Statistics</b> Using the saved values, the device calculates statistical data, such as average value, standard deviation etc.	 <b>ZERO</b> Resets the display to "0"	 <b>Monocular Microscope</b> For the inspection with one eye
 <b>Memory</b> Device memory capacity, e.g. for article data, measuring data, tare weights, PLU etc.	 <b>PC Software</b> To transfer the measurements from the device to a PC	 <b>Hold function</b> When patients do not stand, sit or lie completely still, a stable weight is calculated using an average weight	 <b>Binocular Microscope</b> For the inspection with both eyes
 <b>Alibi memory</b> Secure, electronic archiving of measuring results, complying with the 2014/31/EU standard.	 <b>KERN Communication Protocol (KCP)</b> 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	 <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>Data interface RS-232</b> To connect the device to a printer, PC or other peripherals. Suitable for data transfer over large distances. Network in bus topology is possible	 <b>Data interface RS-485</b> To connect the device to a printer, PC or other peripherals. Suitable for data transfer over large distances. Network in bus topology is possible	 <b>Suspended weighing</b> Load support with hook on the underside of the balance	 <b>Abbe Condenser</b> With high numerical aperture for the concentration and the focusing of light
 <b>KERN Universal Port (KUP)</b> Allows the connection of external KUP interface adapters, e.g. RS-232, RS-485, SB, Bluetooth, WiFi, Analogue, Ethernet etc. for the exchange of data and control commands, without installation effort	 <b>GLP/ISO log internal</b> The measuring device generates a GLP-compliant printout, independent of a printer connection	 <b>Battery operation</b> Ready for battery operation. The battery type is specified for each device	 <b>Halogen illumination</b> For pictures bright and rich in contrast
 <b>USB data interface</b> To connect the device to a printer, PC or other peripherals	 <b>Piece counting</b> Reference quantities selectable. Display can be switched from piece to weight	 <b>Universal plug-in power supply</b> With universal input and optional input socket adapters for EU, CH, GB, US, AUS	 <b>LED illumination</b> Cold, energy-saving and especially long-life illumination
 <b>Bluetooth* data interface</b> To transfer data to a printer, PC or other peripherals	 <b>Totalising function</b> The weights of similar items can be added together and the total can be printed out	 <b>Plug-in power supply</b> 230V/50Hz in standard version for EU. On request GB, AUS or US version available	 <b>Fluorescence illumination</b> Either with a 100 W high-pressure vapour lamp or a 5 W LED fluorescent unit
 <b>WIFI data interface</b> To transfer data to a printer, PC or other peripherals	 <b>Net-Total</b> The weights of the recipe ingredients can be added together and the total weight of the recipe can be printed out	 <b>Integrated power supply unit</b> Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, AUS or US on request	 <b>Phase contrast unit</b> For a higher contrast
 <b>Control outputs (optocoupler, digital I/O)</b> To connect relays, signal lamps, valves, etc.	 <b>Units</b> Can be switched to e.g. nonmetric units. Please refer to website for more details	 <b>Weighing principle Strain gauges</b> Electrical resistor on an elastic deforming body	 <b>Darkfield condenser/unit</b> For a higher contrast due to indirect illumination
 <b>Analogue interface</b> To connect a suitable peripheral device for analogue processing of the measurements	 <b>Mesuring 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>Push and Pull</b> The measuring device can capture tension and compression forces	 <b>Polarising unit</b> To polarise the light
		 <b>Integrated scale</b> In the eyepiece	 <b>Infinity system</b> Infinity corrected optical system
		 <b>360° rotatable microscope head</b>	 <b>Automatic temperature compensation</b> For measurements between 10 °C and 30 °C
			 <b>Conformity assessment</b> The time required for conformity assessment is 3 working days
			 <b>Package shipment</b> The time required for internal shipping preparations is shown in days in the pictogram
			 <b>Pallet shipment</b> The time required for internal shipping preparations is shown in days in the pictogram

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