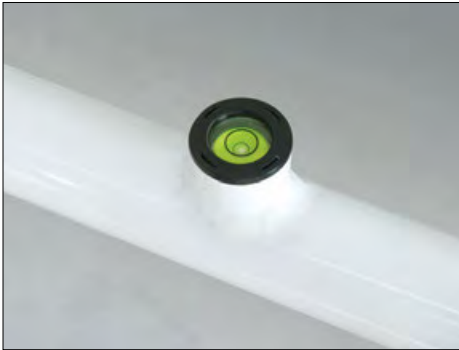




Mobile integratable chair scale with four steerable wheels for medical diagnostics, optionally with verification

NEW





Discover more details and matching accessories online!

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 W×D×H 210×54×100 mm
- Dimensions of seating surface W×D 390×360 mm
- Overall dimensions W×D×H 647×860×910 mm
- Battery operation possible, 6×1.5 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 | | CE 0297 | |
|-------------|-------------------|--|-------------|--|--|--|--------------------|---------|------------------|------------|--|
| | | | | | | | | | | | |
| Model | Weighing capacity | | Readability | | | | Verification value | | Mandatory by law | | |
| | [Max] kg | | [d] kg | | | | [e] kg | | Verification | | |
| KERN | | | | | | | | | | | |
| MCF 300K-1M | 300 | | 0,1 | | | | 0,1 | | 965-129 | | |

KERN Pictograms



External adjustment
Quick setting up of the balance's accuracy with external adjusting weight



Memory
Device memory capacity, e.g. for article data, measuring data, tare weights, PLU etc.



Alibi memory
Secure, electronic archiving of measuring results, complying with the 2014/31/EU standard.



Data interface RS-232
To connect the device to a printer, PC or other peripherals. Suitable for data transfer over large distances. Network in bus topology is possible



Data interface RS-485
To connect the device to a printer, PC or other peripherals. Suitable for data transfer over large distances. Network in bus topology is possible



KERN Universal Port (KUP)
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



USB data interface
To connect the device to a printer, PC or other peripherals



Bluetooth* data interface
To transfer data to a printer, PC or other peripherals



WIFI data interface
To transfer data to a printer, PC or other peripherals



Control outputs (optocoupler, digital I/O)
To connect relays, signal lamps, valves, etc.



Analogue interface
To connect a suitable peripheral device for analogue processing of the measurements



Statistics
Using the saved values, the device calculates statistical data, such as average value, standard deviation etc.



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



KERN Communication Protocol (KCP)
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



GLP/ISO log internal
The measuring device generates a GLP-compliant printout, independent of a printer connection



Piece counting
Reference quantities selectable. Display can be switched from piece to weight



Totalising function
The weights of similar items can be added together and the total can be printed out



Net-Total
The weights of the recipe ingredients can be added together and the total weight of the recipe can be printed out



Units
Can be switched to e.g. nonmetric units. Please refer to website for more details



Measuring 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



ZERO
Resets the display to "0"



Hold function
When patients do not stand, sit or lie completely still, a stable weight is calculated using an average weight



Protection against dust and water splashes IPxx
The type of protection is shown in the pictogram



Suspended weighing
Load support with hook on the underside of the balance



Battery operation
Ready for battery operation. The battery type is specified for each device



Rechargeable battery pack
Rechargeable set



Universal plug-in power supply
With universal input and optional input socket adapters for EU, CH, GB, US, AUS



Plug-in power supply
230V/50Hz in standard version for EU. On request GB, AUS or US version available



Integrated power supply unit
Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, AUS or US on request



Weighing principle Strain gauges
Electrical resistor on an elastic deforming body



Peak hold function
Capturing a peak value within a measuring process



Push and Pull
The measuring device can capture tension and compression forces



Integrated scale
In the eyepiece



360° rotatable microscope head



Monocular Microscope
For the inspection with one eye



Binocular Microscope
For the inspection with both eyes



Trinocular Microscope
For the inspection with both eyes and the additional option for the connection of a camera



Abbe Condenser
With high numerical aperture for the concentration and the focusing of light



Halogen illumination
For pictures bright and rich in contrast



LED illumination
Cold, energy-saving and especially long-life illumination



Fluorescence illumination
Either with a 100 W high-pressure vapour lamp or a 5 W LED fluorescent unit



Phase contrast unit
For a higher contrast



Darkfield condenser/unit
For a higher contrast due to indirect illumination



Polarising unit
To polarise the light



Infinity system
Infinity corrected optical system



Automatic temperature compensation
For measurements between 10 °C and 30 °C



Conformity assessment
The time required for conformity assessment is 3 working days



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