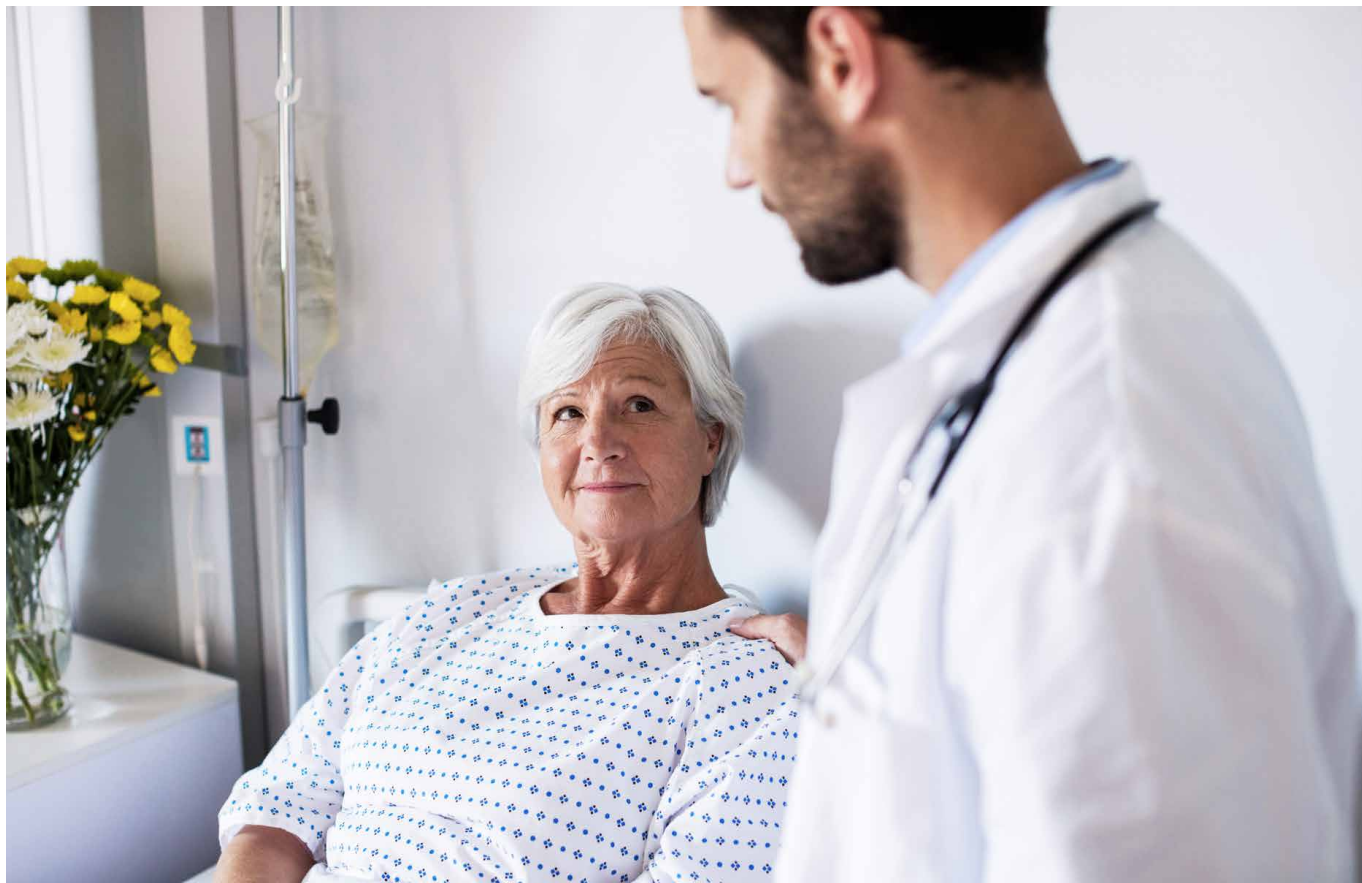


Chair Scale KERN MCN



Mobile integratable chair scale for wireless transfer of weighing data to EMR or EHR systems



Chair Scale KERN MCN



Features

- Verification class III (verification is optional)
- Approved as a medical device according to 93/42/EEC or 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 chair scale is the ideal measuring instrument for retirement homes, rehabilitation centres and clinics with lots of patients, and can weigh overweight people up to 250 kg
- **1** Mobile version with two steerable rollers and particularly convenient locking brakes at the rear
- 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 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
- Because of the clearly contrasting black colour of the seating surface, footrests and armrests ideally suitable for dementia patients
- **2** 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
- Ergonomically positioned carrying handles
- 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
- Protective working cover included with delivery

Technical data

- **3** Large LCD display, digit height 25 mm
- Dimensions of seating surface WxD 390x360 mm
- Dimensions of display device WxDxH 210x54x100 mm
- Battery operation possible, 6x1.5 V AA not included, operating time up to 20 h
- **4** Mains adapter external, standard
- Net weight approx. 24 kg

Accessories

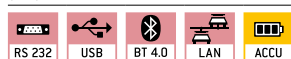
- **5** Practical mains adapter pouch to store the mains adapter which is supplied as standard. Fitting option using two Velcro fasteners, KERN MCC-A01
- Internal rechargeable battery pack, operating time up to 48 h, charging time approx. 8 h, KERN YMR-01
- External mains adapter, 100 V - 240 V, Standard EU, UK, KERN YKA-51
- External data interface RS-232, interface cable included, KERN KUP-01
- External data interface USB, interface cable included, KERN KUP-03
- External data interface Ethernet, KERN KUP-04
- Bluetooth interface adapter, KERN KUP-06
- Extension box for connecting up to three interfaces in parallel, KERN KUP-13
- Memory module with real time clock (alibi memory), KERN YMM-03

*Within the EU, official verification (conformity assessment according to NAWI 2014/31/EU) 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

STANDARD



OPTION



FACTORY



Model	Weighing range	Readout	Verification value	Mandatory by law Verification
KERN	[Max] kg	[d] kg	[e] kg	KERN
MCN 200K-1M	250	0,1	0,1	965-129

CAL EXT
Adjusting program CAL
 For quick setting up of the balance's accuracy. External adjusting weight required

MEMORY
Memory
 Balance memory capacity, e.g. for article data, weighing data, tare weights, PLU etc.

RS 232
Data interface RS-232
 To connect the balance to a printer, PC or network

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

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

BT
Bluetooth* data interface
 To transfer data from the balance to a printer, PC or other peripherals

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

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

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

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

GLP INTERN
GLP/ISO log internal
 The balance displays weight, date and time, independent

GLP PRINTER
GLP/ISO log
 With date and time. Only with KERN printers

KCP PROTOCOL
KERN Communication Protocol (KCP)
 It is 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

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

SUM
Totalising level A
 The weights of similar items can be added together and the total can be printed out

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

TOL
Weighing 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 manual

ZERO
ZERO
 Resets the display to "0"

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

MOVE
Hold function
 When the weighing conditions are unstable, a stable weight is calculated as an average value

IP
Protection against dust and water splashes IPxx
 The type of protection is shown in the pictogram of. DIN EN 60529:2000-09, IEC0529:1989+A1:1999 +A2:2013

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

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

RECHARGE
Battery operation rechargeable
 Prepared for a rechargeable battery operation

ACCU
Rechargeable battery pack
 Rechargeable set

MULTI
Universal plug-in power supply
 with universal input and optional input socket adapters for
 A) EU, CH
 B) EU, CH, GB, US
 C) EU, CH, GB, US, AUS

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

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

DMS
Weighing principle Strain gauges
 Electrical resistor on an elastic deforming body

PEAK
Peak hold function
 capturing a peak value within a measuring process

PUSH/PULL
Push and Pull
 the measuring device can capture tension and compression forces

SCALE
Integrated scale
 In the eyepiece

360°
360° rotatable microscope head

360°
Monocular Microscope
 For the inspection with one eye

BINDO
Binocular Microscope
 For the inspection with both eyes

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

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

HAL
Halogen illumination
 For pictures bright and rich in contrast

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

FL-HBD
Fluorescence illumination for compound microscopes
 With 100 W mercury lamp and filter

FL-LED
Fluorescence illumination for compound microscopes
 With 3 W LED illumination and filter

PH
Phase contrast unit
 For a higher contrast

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

POLAR
Polarising unit
 To polarise the light

INFINITY
Infinity system
 Infinity corrected optical system

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

M +3 DAYS
Conformity assessment
 The time required for conformity assessment is specified in the pictogram

1 DAY
Package shipment
 The time required for internal shipping preparations is shown in days in the pictogram

2 DAYS
Pallet shipment
 The time required for internal shipping preparations is shown in days in the pictogram

*The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by KERN & SOHN GmbH is under license. Other trademarks and trade names are those of their respective owners.