# **MEDICAL SCALES 2023**

PROFESSIONAL CARE





# **Chair scale KERN MCD**

Mobile chair scale in ergonomically-optimised design for safe, convenient weighing



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## Chair scale KERN MCD







#### Features

STANDARD

- This chair scale is the ideal measuring instrument for elderly care and for paramedics, and is also suitable for overweight people with a weight up to 300 kg
- Mobile version with four steerable wheels and particularly convenient locking brakes on both rear wheels
- With its four steerable wheels, this chair scale provides maximum mobility by bringing the scale to the patient. This ensures more efficient use of time for the 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 and footrests ideally suitable for dementia patients
- Iwo 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
- I Ergonomically positioned carrying handles





- Hold function: When patients do not 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
- Practical battery operation using standard batteries ensures a high level of flexibility and freedom from mains adapters, sockets, chargers, etc.
- High resolution readout: Readout [d] can be increased by one decimal place for 5 sec. by the touch of a key
- · Protective working cover included with delivery



### **Technical data**

- 🖪 Large LCD display, digit height 25 mm
- Dimensions of display device W×D×H 200×130×60 mm
- Dimensions of seating surface W×D 390×360 mm
- Overall dimensions W×D×H 625×990×985 mm
- Batteries included,  $6{\times}1.5$  V AA, operating time up to 40 h
- Net weight approx. 20 kg

#### Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERN MBC-A06S05
- Cleaning cloths, alcohol-free cloths for disinfectant wiping, quick acting, based on modern quaternary ammonium compounds and effective against papova viruses. Particularly gentle on materials, and very well suited for disinfecting products which are sensitive to alcohol. Fulfill the legal requirements for occupational safety in accordance with TRGS 525/540. Packaging contents 100 pcs., size 20×22 cm per cloth, KERN MYC-01

BATT 2 DAYS			
Model	Weighing capacity	Readability	
KERN	[Max] kg	[d] kg	
MCD 300K-1	300	0,1	

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# **MEDICAL SCALES 2023**

#### **KERN PICTOGRAMS**



• 6888 •

```
Adjusting program CAL:
          For quick setting up of the balance's accuracy. External adjusting weight
          required
           Memory:
           Balance memory capacity, e.g.
MEMORY
          for article data, weighing data, tare weights, PLU etc.
           Data interface RS-232:
RS 232
```

To connect the balance to a printer, PC or network



# 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



# Bluetooth\* data interface:

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



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



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



## 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



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



# **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



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



З

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

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



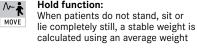
# Weighing with tolerance range

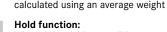
(Check weighing) Upper and lower limiting can be programmed individually, e.g. for sorting and dosing. The process is supported by an audible or visual signal, see the relevant model

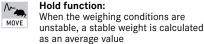


ZERO: Resets the display to "0"

## Hold function:









#### Protection against dust and water splashes IPxx:

The type of protection is shown in the pictogram cf. DIN EN 60529:2000-09, IEC 60529:1989+A1:1999+A2:2013



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



Battery operation rechargeable Prepared for a rechargeable battery operation

Universal plug-in power supply: with universal input and optional

230V/50Hz in standard version for EU.

On request GB, AUS or USA version

input socket adapters for

Plug-in power supply:

A) EU, CH B) EU, CH, GB, USA

available



230 V



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



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360° rotatable microscope head



Monocular Microscope: For the inspection with one eye

KERM



**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 for compound microscopes: With 100 W mercury lamp and filter



Fluorescence illumination for compound microscopes: With 3W LED illumination and filter



# PH

Phase contrast unit: For a higher contrast



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

∰ POLAR

Polarising unit: To polarise the light



#### Infinity system: Infinity corrected optical system



Automatic temperature compesation: For measurements between 10 °C and 30 °C



Verification possible: The time required for verification is specified in the pictogram

1 DAY

# Package shipment:

Pallet shipment:

pictogram

The time required for internal shipping preparations is shown in days in the pictogram

The time required for internal shipping

preparations is shown in days in the



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