

Product brochure

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KERN MCF 300K-1M

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

ENGLISH



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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.
- 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
- 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
- Battery- or mains-powered, rechargeable battery operation optional

TECHNICAL DATA

- LCD display, digit height 25 mm
- Dimensions of display device W×D×H 210×54×100 mm
- Dimensions of seating surface W×D 380×360 mm
- Overall dimensions W×D×H 647×860×910 mm
- Optional battery operation, 6×1.5 V AA not included in scope of delivery, operating time up to 20 h
- Mains adapter external, standard
- Net weight approx. 22 kg

MAIN SCOPE OF APPLICATIONS

- Hospitals
- Retirement and nursing homes
- Rehabilitation facilities
- Doctor's offices
- Dialysis centres

PLEASE NOTE FOR YOUR ORDER

- 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.

PICTOGRAMS

Standard



Option



Factory



MODEL OVERVIEW

Model	Weighing capacity [Max]	Readability [d]	Verification value [e]
MCF 300K-1M	300 kg	0,1 kg	0,1 kg

ACCESSORIES

Model	Description
KUP-01	RS-232 interface KUP-01
KUP-03	Interface USB-Device KUP-03-2026e
KUP-04	Ethernet interface KUP-04
KUP-06	Bluetooth BLE interface KUP-06
KUP-13	Extension box KUP-13
MYC-01	Alcohol-free cloths for wipe disinfectant MYC-01
RMCCN-5001	Cable, power supply RMCCN-5001
YKA-51	Power adapter YKA-51 (6 V, 1 A 100 V - 240 V)
YKC-01	Thermal printer YKC-01
YKG-01	Dot Matrix Printer YKG-01
YKH-01	Thermal printer YKH-01
YMR-01	Rechargeable battery pack YMR-01 (Li-Ion, ,)

SOFTWARE

Model	Description
SCD-4.0-DL	Software SCD-4.0-DL (Scope of supplies: Download link for 1 license)
SCD-4.0-DLS05	Software SCD-4.0-DLS05 (Scope of supplies: Download link for 5 licenses)
SCD-4.0-PRO-DL	Software SCD-4.0-PRO-DL (Scope of supplies: Download link for 1 license)
SCD-4.0-PRO-DL-AS05	Software SCD-4.0-PRO-DL-AS05 (Scope of supplies: Download link for 5 licenses)

SERVICES

Model	Description
961-230	Safety-related monitoring (STK protocol) KERN 961-230
961-249	Adjustment at the location of installation 961-249 (Not in combination with verification)
963-129	DAkkS calibration certificate 963-129
965-129	Verification / Conformity assessment according to NAWI (2014/31/EU) 965-129
969-517	Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate) 969-517
970-107	Warranty extension (+2 years) 970-107

KERN Pictogram Overview

	KERN IoT-Line balances – smart weighing solutions for the digital future
	KERN Universal Port (KUP): allows the connection of external KUP interface adapters, e.g. RS-232, RS-485, USB, Bluetooth, WiFi, Analogue, Ethernet etc. for the exchange of data and control commands, without installation effort
	Data interface WiFi: For data transfer to printers, PCs or other peripheral devices
	GLP/ISO protocol: The measuring device generates a GLP-compliant printout
	Value & time: The measuring device displays the value, date, and time, regardless of the connected printer
	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
	Hold function: While weighing patients that are unable to stand, sit or lie still, a mean average weight value is determined
	Battery operation: Ready for battery operation
	Universal plug-in power supply: With universal input and optional input socket adapters for EU, CH, GB or EU, CH, GB, US or EU, CH, GB, US, AUS
	Pallet shipment: The duration of internal product provision are two days
	EasyTouch: Suitable for the connection, data transmission and control through PC or tablet
	Data interface RS-232: For connection to printers, PCs or other peripheral devices for data transfer over longer distances. Network in bus topology possible
	Data Interface USB: For connection to printers, PCs or other peripheral devices
	Data interface Bluetooth: For connection to printers, PCs or other peripheral devices
	Rechargeable battery pack: Rechargeable set
	Alibi memory: Secure, electronic archiving of measuring results, complying with the 2014/31/EU standard
	Conformity assessment: The duration of the conformity assessment is 3 working days
	Product complies with applicable EU requirements