KERN **MCF 300K-1M**

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



Date of creation: 24.10.2026

Category	
Brand	KERN
Product category	Medical scale
Product group	Chair scale
Product family	MCF

Measuring System	
Weighing system	Strain gauge
Weighing capacity [Max]	300 kg
Readability [d]	0,1 kg
Reproducibility	0,1 kg
Linearity	± 0,1 kg
Minimum weight [Min] (verifiable)	2 kg
Resolution	3.000
Tare range	300 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	300 kg (M1)
Possible calibration points	300 kg
Stabilization time	3 s
Eccentric loading at 1/3 [Max]	0,1 kg
Conformity assessment possible	✓
Construction type of the scale	Single-range balance
Units	kg
Units (if device is conformity assessed)	kg
Default unit	kg
Loadcell type	DMS
Warm-up time	10 min

Display	
Display type	LCD
Display type	LCD
Display backlight	no
Display screen size	100×40 mm
Display segments	6
Display digit height	25 mm
Languages of the user interface	Symbol language

Construction	
Dimensions completely mounted (W×D×H)	647×860×910 mm
Dimension display device (W×D×H)	210×54×100 mm
Dimensions weighing surface (W×D)	380×360 mm
Dimensions weighing surface	380×360 mm
Dimensions weighing platform (W×D×H)	465×530×410 mm
Material housing	ABS plastic
Material weighing plate	plastic
Material platform	steel, lacquered
Material display housing	plastic
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Cable length	1,8 m
Display device cable length	1,8 m
Platform Construction	Chair Scale
Load cells - number	1

Functions	
Function for BMI calculation	✓
Hold function	✓
IP protection - complete device	-
IP protection - display	no IP protection
IP protection - platform	IP65
IP protection - load cell	IP65
Auto-off interval(s) in battery mode/rechargeable battery mode	off selectable 30 s, 1 min, 2 min, 5 min, 30 min, 60 min
Auto-off interval(s) in mains power mode	off selectable 30 s, 1 min, 2 min, 5 min, 30 min, 60 min
Tare function	manual (multi)

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Alibi memory	internal memory
Alibi memory - number of memory spaces	250.000
Number of keys for operation	6

Interface

Interfaces	RS-232 (optional) Bluetooth (optional) WiFi Alibi memory USB-Device (optional) KUP
compatible with EasyTouch	✓

Power Supply

Supplied power supply	Power supply & battery function (battery not included)
Power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO UK
Plug-in power supply / adapter for countries - optional	EURO UK
Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Power supply cable removable	removable
Input voltage device / power [Max]	6 V, 1 A
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,5 mm, long 9,5 mm
Battery / accumulator type	Li-Metal
Battery	6×1.5 V AA
Battery connection	Battery insert
Battery operating time	20 h
Battery capacity	210 mAh
Battery voltage	3 V
Battery – Number of cells	1
Battery – Individual weight	3,2 g
Battery – Total weight	3,2 g
Battery – Construction	Individual cells
Battery capacity (Wh)	0,66 Wh
Battery – Lithium content	64 mg
Battery – Tests passed UN 38.3	✓
Rechargeable battery operating time - backlight off	80 h
Rechargeable battery charging time	8 h
Rechargeable battery optional	Rchrg. battery optional
Battery/Accu connected	not connected, isolated in the device

Environmental conditions

Ambient temperature [Min]	10 °C
Ambient temperature [Max]	40 °C
Humity of environment [Min]	5 %
Humity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Services (optional)

Article number for adjustment at the location of installation	961-249
Article number for conformity assessment	965-129
Article number for DAkkS calibration	963-129
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	2 d
Dimensions packaging (W×D×H)	914×690×1050 mm
Shipping method	Freight
Net weight approx.	22 kg
Gross weight approx.	38 kg
Shipping weight	132,4 kg
Shipping volume weight	132,4 kg

Product information

GTIN/EAN number	4045761494046
Trade number	84231090
Warranty Time	36 mon
REACH classification	no prohibited substances

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Pictograms

STANDARD



OPTION



FACTORY



CE
0297