

KERN MCF 300K-1M

KERN

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



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]	2 kg
Conformity assessment possible	✓
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
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,1 kg
Units (if device is conformity assessed)	kg
Construction type of the scale	Single-range balance
Units	kg
Default unit	kg
Loadcell type	DMS

Display

Display type	LCD
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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

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

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Interface		Conformity assessment possible ex works	✓
Interfaces	RS-232 (optional) Bluetooth (optional) WiFi Alibi memory (optional, factory) USB-Device (optional) KUP	Accuracy classe	III
compatible with EasyTouch	✓	Verification scale interval [e]	0,1 kg
Services (optional)			✓
Power Supply			
Supplied power supply	Power supply & battery function (battery not included)	Article number for adjustment at the location of installation	961-249
Power supply type	Power adapter	Article number for conformity assessment	965-129
Plug-in power supply / adapter for countries - included with the delivery	EURO UK	Article number for DAkkS calibration	963-129
Plug-in power supply / adapter for countries - optional	EURO UK	Article number for certificate of conformity	969-517
Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz	Packing & Shipping	
Power supply cable removable	removable	Delivery time	2 d
Input voltage device / power [Max]	6 V, 1 A	Dimensions packaging (W×D×H)	914×690×1050 mm
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,5 mm, long 9,5 mm	Shipping method	Freight
Battery / accumulator type	Alkali(-Manganese) Li-Ion	Net weight approx.	22 kg
Battery	6×1.5 V AA	Gross weight approx.	38 kg
Battery connection	Battery insert	Shipping weight	132,4 kg
Battery operating time	20 h	Product information	
Rechargeable battery charging time	8 h	GTIN/EAN number	4045761494046
Rechargeable battery optional	Rchrg. battery optional	REACH classification	no prohibited substances
Battery/Accu connected	not connected, isolated in the device		
Environmental conditions			
Ambient temperature [Min]	10 °C		
Ambient temperature [Max]	40 °C		
Humidity of environment [Min]	5 %		
Humidity of environment [Max]	80 %		
Storage temperature [Min]	-20 °C		
Storage temperature [Max]	60 °C		
Approval			
CE mark	✓		

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Pictograms

STANDARD



OPTION



FACTORY



CE
0297