KERN **MWN 400K-1M**

Robust integratable wheelchair platform scale for wireless transfer of weighing data to EMR or EHR systems



Date of creation: 15.11.2026

Category	
Brand	KERN
Product category	Medical scale
Product group	Wheelchair platform scale
Product family	MWN

Measuring System	
Weighing system	Strain gauge
Weighing capacity [Max]	300 kg; 400 kg
Readability [d]	0,1 kg; 0,2 kg
Reproducibility	0,1 kg
Linearity	± 0,1 kg
Minimum weight [Min] (verifiable)	2 kg
Resolution	3.000, 2.000
Tare range	400 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	400 kg (M1)
Possible calibration points	400 kg
Stabilization time	3 s
Eccentric loading at 1/3 [Max]	0,1 kg
Conformity assessment possible	✓
Construction type of the scale	Multi-division balance
Units	kg
Units (if device is conformity assessed)	kg
Load cell connection	4-wire
Default unit	kg
Loadcell type	DMS
Warm-up time	10 min; 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	
Dimension housing (W×D×H)	210×100×60 mm
Dimensions completely mounted (W×D×H)	1256×1109×70 mm
Dimension display device (W×D×H)	210×100×60 mm
Dimensions weighing surface (W×D)	1000×1000 mm
Dimensions weighing surface	1000×1000 mm
Dimensions weighing platform (W×D×H)	995×999×70 mm
Material housing	ABS plastic
Material weighing plate	steel, lacquered
Material platform	cast aluminium
Material display housing	plastic
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Wall mount	✓
Transport wheels	✓
Cable length	1,8 m
Display device cable length	1,8 m
Platform Construction	screwed (smooth surface)
Load cells - number	4

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

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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)
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

Approval

CE mark	✓
Conformity assessment possible ex works	✓
Accuracy classe	III
Verification scale interval [e]	0,1 kg; 0,2 kg
Approval in accordance with 2017/745 (MDR, med.)	✓

Services (optional)

Article number for adjustment at the location of installation	961-250
Article number for conformity assessment	965-130
Article number for DAkkS calibration	963-130
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	2 d
Dimensions packaging (W×D×H)	1410×1215×260 mm
Shipping method	Freight
Net weight approx.	44 kg
Gross weight approx.	65 kg
Shipping weight	89,1 kg
Shipping volume weight	89,1 kg

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Product information

GTIN/EAN number	4045761494060
Trade number	84231090
Warranty Time	36 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY



CE
0297