

KERN MWN 400K-1M



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



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]	2 kg
Conformity assessment possible	✓
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
Warm-up time	10 min; 10 min
Eccentric loading at 1/3 [Max]	0,1 kg
Load cell connection	4-wire
Units (if device is conformity assessed)	kg
Construction type of the scale	Multi-division balance
Units	kg
Default unit	kg
Loadcell type	DMS

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)	216×108×58 mm
Dimensions completely mounted (W×D×H)	1256×1109×70 mm
Dimension display device (W×D×H)	216×108×58 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

PreTare function	✓
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

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	30 s, 1 min, 2 min, 5 min, 30 min, 60 min
Tare function	manual (multi)
Number of keys for operation	6

Interface

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

Supplied power supply	Power supply & battery function (battery not included)
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Power supply type	Power adapter
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Plug-in power supply / adapter for countries - included with the delivery	EURO UK
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Plug-in power supply / adapter for countries - optional	EURO UK
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Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
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Power supply cable removable	removable
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Input voltage device / power [Max]	6 V, 1 A
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Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,5 mm, long 9,5 mm
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Battery / accumulator type	Alkali(-Manganese) Li-Ion
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Battery	6×1.5 V AA
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Battery connection	Battery insert
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Battery operating time	20 h
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Rechargeable battery charging time	8 h
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Rechargeable battery optional	Rchrg. battery optional
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Battery/Accu connected	not connected, isolated in the device
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Environmental conditions

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

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

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

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

GTIN/EAN number	4045761494060
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REACH classification	no prohibited substances
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Pictograms

STANDARD



OPTION



FACTORY

