

KERN MWN 300K-1M

KERN

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



Conformity assessment possible
ex works ✓

Approved as a medical device ✓

Display

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

Construction

Dimension display device (W×D×H)	210×54×100 mm
Dimension housing (W×D×H)	1160×800×60 mm
Dimensions weighing platform (W×D×H)	910×740×65 mm
Dimensions completely mounted (W×D×H)	1160×830×73 mm
Material display housing	Plastics
Material housing	ABS plastic
Material weighing plate	steel, lacquered
Material platform	cast aluminium
Dimensions weighing surface (W×D)	910×740 mm
Cable length	1,8 m
Display device cable length	1,8 m
Material load cell(s)	aluminium
Load cells - number	4
Levelling feet adjustable	✓
Level indicator	✓
Wall mount	✓
Transport wheels	✓

Functions

Number of keys for operation	6
Auto-off interval(s) in mains power mode	off selectable 3, 5, 15, 30 min
Auto-off interval(s) in battery mode/rechargeable battery mode	off selectable 3, 5, 15, 30 min
PreTare function	✓
Tare function	manual (multi)
Hold function	✓
Function for BMI calculation	✓
Alibi memory	optional internal memory

Category

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

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	300 kg
Readability [d]	0,1 kg
Resolution	3.000
Linearity	± 0,1 kg
Reproducibility	0,1 kg
Tare range	300 kg
Default unit	kg
Units	kg
Units (if device is conformity assessed)	kg
Minimum weight [Min]	2 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	300 kg (M1)
Stabilization time	3 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,1 kg
Loadcell type	DMS
Load cell connection	4-wire

Zulassung

CE mark	✓
Accuracy classe	III
Verification scale interval [e]	0,1 kg

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Alibi memory - number of memory spaces	250.000
Interfaces	RS-232 (optional) Bluetooth (optional) WiFi standard Alibi memory (optional, factory) USB-Device (optional) KUP
IP protection - complete device	-
IP protection - display	no IP protection
IP protection - load cell	IP65
IP protection - platform	IP65

Power Supply

Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	6 V, 1 A
Plug-in power supply type	Power adapter Power supply & battery function (battery not included)
Supplied power supply	
Plug-in power supply / adapter for countries - included with the delivery	EURO UK
Rechargeable battery optional	Rchrg. battery optional
Rechargeable battery charging time	8 h
Rechargeable battery operating time - backlight off	48 h
Battery	6×1.5 V AA
Battery / accumulator type	Alkali(-Manganese) Li-Ion
Battery connection	Battery insert
Battery operating time	20 h

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

Packing & Shipping

Readability force [d] (N)	2 d
Dimensions packaging (W×D×H)	1320×950×135 mm
Net weight	28,6 kg
Shipping method	Freight

Net weight approx.	30 kg
Gross weight approx.	48 kg
Shipping weight	48 kg

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 (verification)	969-517

Pictograms

STANDARD



OPTION



FACTORY

