

KERN MWS 400K100DM

Wheelchair platform scale with low overall height for easy access – with approval for professional, mobile medical use in medical diagnostics, verification optional



Languages of the user interface Symbol language

Construction

Dimension display device (W×D×H)	210×110×50 mm
Dimension housing (W×D×H)	210×105×45 mm
Dimensions weighing platform (W×D×H)	1255×1060×60 mm
Dimensions completely mounted (W×D×H)	1255×1060×69 mm
Material display housing	Plastics
Material housing	steel, lacquered
Material weighing plate	steel, lacquered
Dimensions weighing surface (W×D)	1000×1000 mm
Cable length	1,8 m
Display device cable length	1,8 m
Levelling feet adjustable	✓
Wall mount	✓
Transport wheels	✓

Functions

Number of keys for operation	20
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off 4 min 5 min 2 min
PreTare function	✓
Tare function	manual (multi)
Hold function	✓
Function for averaging under unstable weighing conditions	✓
Function for BMI calculation	✓
Interfaces	RS-232 standard

Power Supply

Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	12 V, 500 mA
Plug-in power supply type	Power adapter
Supplied power supply	Power supply & battery function (battery not included)
Plug-in power supply / adapter for countries - included with the delivery	EURO UK CH
Plug-in power supply / adapter for countries - optional	EURO UK

Category

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

Measuring System

Construction type of the scale	Multi-division balance
Weighing system	Strain gauge
Weighing capacity [Max]	300 kg; 400 kg
Readability [d]	0,1 kg; 0,2 kg
Resolution	3.000, 2.000
Linearity	± 0,1 kg; 0,2 kg
Reproducibility	0,1 kg; 0,2 kg
Default unit	kg
Units	kg
Minimum weight [Min]	2 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	400 kg (M1)
Warm-up time	10 min; 10 min
Eccentric loading at 1/3 [Max]	0,1 kg

Approval

CE mark	✓
Accuracy classe	III
Verification scale interval [e]	0,1 kg; 0,2 kg
Conformity assessment possible ex works	✓
Approved as a medical device	✓

Display

Display type	LCD
Display digit height	25 mm

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Pictograms

STANDARD



OPTION



FACTORY



	US CH
Rechargeable battery optional	Rchrg. battery optional - intern
Rechargeable battery charging time	14 h
Rechargeable battery operating time - backlight off	45 h
Battery	6×1.5 V AA
Battery / accumulator type	NiMH
Battery operating time	50 h

Environmental conditions

Humidity of environment [Max]	80 %
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Packing & Shipping

Readability force [d] (N)	2 d
Dimensions packaging (W×D×H)	1410×1215×260 mm
Net weight	42,2 kg
Shipping method	Freight
Net weight approx.	44 kg
Gross weight approx.	65 kg
Shipping weight	61 kg

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 (verification)	969-517