

# KERN MWS 300K100M



Stretcher scale with low overall height for easy access – with approval for medical use and optionally with verification



Display	
Display type	LCD
Display digit height	25 mm
Languages of the user interface	Symbol language

Construction	
Dimension display device (W×D×H)	210×110×45 mm
Dimensions weighing platform (W×D×H)	910×740×65 mm
Dimensions completely mounted (W×D×H)	1158×835×60 mm
Material display housing	Plastics
Material housing	steel, lacquered
Material weighing plate	steel, lacquered
Dimensions weighing surface (W×D)	910×740 mm
Cable length	1,8 m
Display device cable length	1,85 m
Material load cell(s)	aluminium
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)

Category	
Brand	KERN
Product category	Medical scale
Product group	Stretcher Scale
Product family	MWS-L

Measuring System	
Conformity assessment possible	✓
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
Default unit	kg
Units	kg
Minimum weight [Min]	2 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	300 kg (M1)
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,1 kg

Approval	
CE mark	✓
Pattern approval for conformity assessment	✓
Accuracy classe	III
Verification scale interval [e]	0,1 kg
Conformity assessment possible ex works	✓
Approval according to 93/42/EEC (med.)	✓

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Plug-in power supply / adapter for countries - included with the delivery	EURO UK CH
Plug-in power supply / adapter for countries - optional	EURO UK 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)	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

