

KERN MPS 200K100M



Stylish personal floor scale with BMI function – with approval for professional medical use in medical diagnostics, verification optional



Verification scale interval [e] 0,1 kg

Conformity assessment possible ex works ✓

Approval according to 93/42/EEC (med.) ✓

Display

Display type LCD

Display digit height 25 mm

Languages of the user interface Symbol language

Construction

Dimension display device (W×D×H) 216×110×47 mm

Dimensions weighing platform (W×D×H) 275×295×58 mm

Dimensions completely mounted (W×D×H) 275×295×58 mm

Material display housing Plastics

Material housing steel, lacquered

Material weighing plate steel, lacquered

Cable length 1,8 m

Display device cable length 1,21 m

Levelling feet adjustable ✓

Wall mount ✓

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 function (battery not included)

Category

Brand	KERN
Product category	Medical scale
Product group	Personal floor scale
Product family	MPS

Measuring System

Conformity assessment possible	✓
Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	200 kg
Readability [d]	0,1 kg
Resolution	2.000
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	200 kg (M1)
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,1 kg
Measuring range measuring rod (cm)	70-100cm @ 0,1cm ± 0,5cm 100-200cm @ 0,1cm ± 1cm

Approval

CE mark	✓
Pattern approval for conformity assessment	✓
Accuracy classe	III

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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	35 h
Battery	6×1.5 V AA
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)	1 d
Dimensions packaging (W×D×H)	370×510×110 mm
Net weight	4,1 kg
Shipping method	Parcel service
Net weight approx.	4,2 kg
Gross weight approx.	6 kg
Shipping weight	5,7 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

