

KERN MPS 200K100PM



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 27 mm

Languages of the user interface Symbol language

Construction

Dimension display device (W×D×H) 215×110×45 mm

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

Dimensions completely mounted (W×D×H) 275×445×1020 mm

Material display housing Plastics

Material housing steel, lacquered

Material weighing plate steel, lacquered

Levelling feet adjustable ✓

Stand height 1000 mm

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

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)	60-100cm @ 0,1cm ± 0,5cm 100-205cm @ 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 - 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)	1180×400×330 mm
Net weight	6,6 kg
Shipping method	Parcel service
Net weight approx.	7 kg
Gross weight approx.	11 kg
Shipping weight	31,2 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

