

KERN MPE 250K100HM



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



Kategorie	
Brand	KERN
Product category	Medical scale
Product group	Personal floor scale
Product family	MPE

Measuring System	
Conformity assessment possible	✓
Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	250 kg
Readability [d]	0,1 kg
Resolution	2.500
Linearity	± 0,1 kg
Reproducibility	0,1 kg
Tare range	249,9 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	200 kg (M1)
Stabilization time	3 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,1 kg
Measuring range measuring rod (cm)	90-100cm @ 0,1cm ± 0,5cm 100-205cm @ 0,1cm ± 1cm

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.)	✓

Display	
Display type	LCD
Display backlight	✓
Display digit height - smallest digit	5 mm
Display digit height	25 mm
Languages of the user interface	Symbol language

Construction	
Dimension display device (W×D×H)	200×55×128 mm
Dimensions weighing platform (W×D×H)	365×360×80 mm
Dimensions completely mounted (W×D×H)	365×570×2134 mm
Material display housing	Plastics
Material housing	steel, lacquered
Material weighing plate	plastic
Dimensions weighing surface (W×D)	365×360 mm
Transport wheels	✓
Stand height	940 mm

Functions	
Number of keys for operation	7
Auto-off interval(s) in mains power mode	3 min 5 min 30 min 15 min
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min 5 min 30 min 15 min
Tare function	manual (single & multi)
Hold function	✓
Function for averaging under unstable weighing conditions	✓
Function for BMI calculation	✓
Interfaces	RS-232 standard

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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
CH

Rechargeable battery optional Rchrg. battery optional - intern

Rechargeable battery charging time 12 h

Rechargeable battery operating time - backlight on 20 h

Rechargeable battery operating time - backlight off 40 h

Battery 6×1.5 V AA

Battery / accumulator type Alkali(-Manganese)

Battery connection Battery insert

Battery operating time 20 h

Environmental conditions

Humidity of environment [Min] 5 %

Humidity of environment [Max] 80 %

Ambient temperature [Min] -10 °C

Ambient temperature [Max] 40 °C

Storage temperature [Min] -20 °C

Storage temperature [Max] 60 °C

Packing & Shipping

Readability force [d] (N) 1 d

Shipping method Parcel service

Dimensions packaging (W×D×H) 1010×290×445 mm

Net weight approx. 12 kg

Gross weight approx. 15 kg

Shipping weight 26,1 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

