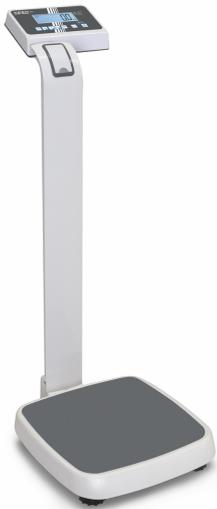


KERN MPE 250K100HM

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



Category

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

Measuring System

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

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
Auto-off interval(s) in battery mode/rechargeable battery mode	15 min
	3 min
	5 min
Auto-off interval(s) in battery mode/rechargeable battery mode	30 min
Tare function	15 min
Tare function	manual (single & 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

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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 AUS UK US 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
Dimensions packaging (W×D×H)	1010×290×445 mm
Net weight	11,56 kg
Shipping method	Parcel service
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

