

# 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

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

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

