KERN **MPB 300K100P**

Personal floor scale with BMI function



Date of creation: 23.10.2026

Category	
Brand	KERN
Product category	Medical scale
Product group	Personal floor scale
Product family	MPB

Measuring System	
Weighing system	Strain gauge
Weighing capacity [Max]	300 kg
Readability [d]	0,1 kg
Reproducibility	0,1 kg
Linearity	± 0,2 kg
Resolution	3.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	250 kg (M1)
Eccentric loading at 1/3 [Max]	0,3 kg
Construction type of the scale	Single-range balance
Units	kg
Maximum creep (15 minutes)	400 g
Maximum creep (30 minutes)	800 g
Default unit	kg
Warm-up time	10 min

Display	
Display type	LCD
Display digit height	25 mm
Languages of the user interface	Symbol language

Construction	
Dimensions completely mounted (W×D×H)	315×450×1000 mm
Dimension display device (W×D×H)	210×110×45 mm
Dimensions weighing surface (W×D)	315×300 mm
Dimensions weighing surface	315×300 mm
Dimensions weighing platform (W×D×H)	315×300×55 mm
Material housing	steel, lacquered
Material weighing plate	steel, lacquered
Material display housing	plastic
Stand height	1000 mm

Functions	
Function for BMI calculation	✓
Hold function	✓
Function for averaging under unstable weighing conditions	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off 4 min 5 min 2 min
Tare function	manual (multi)
Number of keys for operation	4

Power Supply	
Supplied power supply	Power supply unit
Power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO CH
Plug-in power supply / adapter for countries - optional	EURO UK CH
Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Power supply cable removable	removable
Input voltage device / power [Max]	12 V, 500 mA
Power socket for mains adapter	Hollow plug, inside minus, Ø outside 5,4 mm, Ø inside 1,9 mm, long 11,79 mm
Battery / accumulator type	Alkali(-Manganese)
Battery	6×1.5 V AA
Battery connection	Pad + Spring

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Battery operating time	170 h

Environmental conditions

Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C
Humity of environment [Max]	80 %

Services (optional)

Article number for adjustment at the location of installation	961-249
Article number for DAkkS calibration	963-129
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	1175×410×330 mm
Shipping method	Parcel service
Net weight approx.	7 kg
Gross weight approx.	10 kg
Shipping weight	31,8 kg
Shipping volume weight	31,8 kg

Product information

GTIN/EAN number	4045761097582
Trade number	84231090
Warranty Time	24 mon
REACH classification	no prohibited substances

Pictograms

STANDARD

