KERN **MPC 300K-1LM**

Compact personal floor scale – with approval for professional medical use in medical diagnostics, verification optional

Date of creation: 03.10.2026

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

Measuring System	
Weighing system	Strain gauge
Weighing capacity [Max]	300 kg
Readability [d]	0,1 kg
Reproducibility	0,1 kg
Linearity	± 0,1 kg
Minimum weight [Min] (verifiable)	2 kg
Resolution	3.000
Tare range	299,9 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	250 kg (M1)
Stabilization time	3 s
Eccentric loading at 1/3 [Max]	0,1 kg
Conformity assessment possible	✓
Construction type of the scale	Single-range balance
Units	kg
Default unit	kg
Warm-up time	10 min

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

Construction	
Dimensions completely mounted (W×D×H)	500×455×120 mm
Dimension display device (W×D×H)	200×130×60 mm
Dimensions weighing platform (W×D×H)	500×455×120 mm
Material housing	steel, lacquered
Material weighing plate	plastic
Material display housing	plastic
Level indicator	✓
Wall mount	✓
Display device cable length	1,8 m

Functions	
Function for BMI calculation	✓
Hold function	✓
PreTare function	✓
Function for averaging under unstable weighing conditions	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min 5 min 30 min 15 min
Tare function	manual (single & multi)
Number of keys for operation	6

Interface	
Interfaces	RS-232 (optional, factory)

Power Supply	
Supplied power supply	Power supply & battery function (battery not included)
Power supply type	Power adapter
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

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Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Power supply cable removable	removable
Input voltage device / power [Max]	12 V, 500 mA
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,5 mm, long 9,5 mm
Battery / accumulator type	Alkali(-Manganese)
Battery	6×1.5 V AA
Battery connection	Battery insert
Battery operating time	20 h
Rechargeable battery	MBC-A08
Rechargeable battery operating time - backlight on	20 h
Rechargeable battery operating time - backlight off	40 h
Rechargeable battery charging time	12 h
Rechargeable battery optional	Rchrg. battery optional - intern

Environmental conditions

Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Humity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

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	969-517

Packing & Shipping

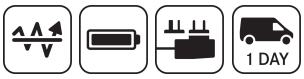
Delivery time	1 d
Dimensions packaging (W×D×H)	940×555×215 mm
Shipping method	Parcel service
Net weight approx.	11 kg
Gross weight approx.	15 kg
Shipping weight	22,4 kg
Shipping volume weight	22,4 kg

Product information

GTIN/EAN number	4045761206649
Trade number	84231090
Warranty Time	36 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

FACTORY

CE
0297