

KERN MBC 20K10M



Elegantly-shaped baby scale – with approval for professional mobile or stationary medical use in medical diagnostics, verification optional



Category

Brand	KERN
Product category	Medical scale
Product group	Baby scale
Product family	MBC

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	20 kg
Readability [d]	0,01 kg
Reproducibility	0,01 kg
Linearity	± 0,01 kg
Minimum weight [Min]	0,2 kg
Conformity assessment possible	✓
Resolution	2.000
Tare range	19,99 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	20 kg (M1)
Stabilization time	3 s
Eccentric loading at 1/3 [Max]	0,01 kg
Construction type of the scale	Single-range balance
Units	kg
Default unit	kg

Display

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

Construction

Dimension housing (W×D×H)	320×280×72 mm
Dimensions completely mounted (W×D×H)	600×410×112 mm

Dimension display device (W×D×H)	200×130×60 mm
Dimensions weighing surface (W×D)	600×280 mm
Dimensions weighing surface	600×280 mm
Dimensions weighing platform (W×D×H)	600×280×55 mm
Material housing	plastic
Material weighing plate	plastic
Material display housing	plastic
Level indicator	✓
Levelling feet adjustable	✓
Transport safety lock - bolt torque	0,1 Nm

Functions

Function for averaging under unstable weighing conditions	✓
Hold function	✓
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

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
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

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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
Battery/Accu connected	not connected, enclosed

Environmental conditions

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

Approval

CE mark	✓
Conformity assessment possible ex works	✓
Accuracy classe	III
Verification scale interval [e]	0,01 kg
Approval in accordance with 2017/745 (MDR, med.)	✓

Services (optional)

Article number for adjustment at the location of installation	961-248
Article number for conformity assessment	965-128.
Article number for DAkkS calibration	963-128
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	480×650×175 mm
Shipping method	Parcel service
Net weight approx.	4,6 kg
Gross weight approx.	6 kg
Shipping weight	10,9 kg

Product information

GTIN/EAN number	4045761192942
Trade number	84231090
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY



CE
0297