

KERN MBC 20K10M

KERN

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

EURO

AUS

UK

US

CH

Plug-in power supply / adapter for countries - optional

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

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

Pictograms

STANDARD



OPTION



FACTORY



CE

0297

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

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