

# 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

Construction type of the scale	Single-range balance
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
Resolution	2.000
Tare range	19,99 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	20 kg (M1)
Stabilization time	3 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,01 kg
Default unit	kg
Units	kg
Conformity assessment possible	✓

## 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
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Dimensions completely mounted (W×D×H)	600×407×120 mm
Dimension display device (W×D×H)	200×130×60 mm
Dimensions weighing surface (W×D)	600×280 mm
Dimensions weighing surface (W×D)	600×280 mm
Dimensions weighing platform (W×D×H)	600×280×55 mm
Material housing	plastic
Material weighing plate	plastic
Material display housing	Plastics
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)
Plug-in 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
Input voltage device / power [Max]	12 V, 500 mA
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

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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
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

## 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

## Pictograms

### STANDARD



### OPTION



### FACTORY

