

KERN MBC 20K10EM

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



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

Construction	
Dimension display device (W×D×H)	200×130×60 mm
Dimension housing (W×D×H)	330×280×72 mm
Dimensions weighing platform (W×D×H)	600×280×55 mm
Dimensions completely mounted (W×D×H)	600×407×120 mm
Material display housing	Plastics
Material housing	plastic
Material weighing plate	plastic
Dimensions weighing surface (W×D)	600×280 mm
Levelling feet adjustable	✓

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

Power Supply	
Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	12 V, 500 mA
Plug-in power supply type	Power adapter
Supplied power supply	Battery
Plug-in power supply / adapter for countries - optional	EURO UK CH
Rechargeable battery optional	Rchrg. battery optional - intern
Rechargeable battery charging time	12 h
Rechargeable battery operating time - backlight on	20 h
Rechargeable battery operating time - backlight off	40 h
Battery	6×1.5 V AA

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

Measuring System	
Conformity assessment possible	✓
Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	20 kg
Readability [d]	0,01 kg
Resolution	2.000
Linearity	± 0,01 kg
Reproducibility	0,01 kg
Tare range	19,99 kg
Default unit	kg
Units	kg
Minimum weight [Min]	0,2 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

Approval	
CE mark	✓
Pattern approval for conformity assessment	✓
Accuracy classe	III
Verification scale interval [e]	0,01 kg
Conformity assessment possible ex works	✓
Approval according to 93/42/EEC (med.)	✓

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Battery / accumulator type	Alkali(-Manganese)
Battery connection	Battery insert
Battery voltage	9 V
Battery operating time	20 h

Environmental conditions

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

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	480×650×175 mm
Net weight	4,5 kg
Shipping method	Parcel service
Net weight approx.	4,6 kg
Gross weight approx.	6 kg
Shipping weight	10,9 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 (verification)	969-517

Pictograms

STANDARD



OPTION



FACTORY

