

KERN MBA 10K-3M

Compact baby scale with special Safe-Guard tray and approval for professional mobile or stationary medical use in medical diagnostics, verification optional



Conformity assessment possible ex works	✓
Approved as a medical device	✓

Display	
Display type	LCD
Display type	LCD
Display backlight	no
Display digit height	25 mm
Languages of the user interface	Symbol language

Construction	
Dimension housing (W×D×H)	600×360×141 mm
Dimensions completely mounted (W×D×H)	845×364×145 mm
Material display housing	Plastics
Material housing	plastic
Material weighing plate	plastic
Dimensions weighing surface (W×D)	600×260 mm
Material load cell(s)	aluminium
Load cells - number	1
Levelling feet adjustable	✓

Functions	
Number of keys for operation	4
Auto-off interval(s) in battery mode/rechargeable battery mode	3, 5, 15, 30 min
Tare function	manual (single & multi)
Hold function	✓
Interfaces	WiFi (optional, factory)
IP protection - complete device	-
IP protection - display	no IP protection
IP protection - platform	no IP protection

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 AUS UK US CH
Battery	6×1.5 V AA
Battery / accumulator type	Alkali(-Manganese)

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

Measuring System	
Construction type of the scale	Single-range balance
Number of weighing ranges	1
Weighing system	Strain gauge
Weighing capacity [Max]	15 kg
Readability [d]	0,005 kg
Resolution	3.000
Linearity	± 0,005 kg
Linearisation in dots	5
Reproducibility	0,005 kg
Tare range	14,995 kg
Default unit	kg
Units	kg
Units (if device is conformity assessed)	kg
Minimum weight [Min]	0,1 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	15 kg (M1)
Possible calibration points	10 kg; 15 kg
Stabilization time	3 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,005 kg
Loadcell type	ZEMIC L6D
Load cell connection	4-wire

Approval	
CE mark	✓
Accuracy classe	III
Verification scale interval [e]	0,005 kg

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Battery connection	Pad + Spring
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)	690×490×210 mm
Net weight	4,6 kg
Shipping method	Parcel service
Net weight approx.	4,6 kg
Gross weight approx.	6 kg
Shipping weight	14,2 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

