

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



Date of creation: 29.08.2026

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

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
Dimensions weighing surface (W×D)	600×260 mm
Dimensions weighing surface	600×260 mm
Material housing	plastic
Material weighing plate	plastic
Material display housing	plastic
Material load cell(s)	aluminium
Material substructure	plastic
Level indicator	✓
Levelling feet adjustable	✓
Platform Construction	Single-Cell
Load cells - number	1

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

Interface	
Interfaces	WiFi (optional, factory)
compatible with EasyTouch	✓

Power Supply	
Supplied power supply	Battery
Power supply type	Power adapter
Plug-in power supply / adapter for countries - optional	EURO AUS UK

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	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	Pad + Spring
Battery operating time	20 h
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]	0,005 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)	690×490×210 mm
Shipping method	Parcel service

Net weight approx.	4,6 kg
Gross weight approx.	6 kg
Shipping weight	14,2 kg
Shipping volume weight	14,2 kg

Product information

GTIN/EAN number	4045761248854
Trade number	84231090
Warranty Time	36 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

