

KERN MBF 100K-2



Multifunctional baby and toddler scales with parent-child function



Date of creation: 16.08.2026

Category

Brand	KERN
Product category	Medical scale
Product group	Baby scale
Product family	MBF

Measuring System

Weighing system	Strain gauge
Number of weighing ranges	2
Weighing capacity [Max]	20 kg; 100 kg
Readability [d]	0,01 kg; 0,05 kg
Reproducibility	0,04 kg; 0,2 kg
Linearity	± 0,15 kg; 0,8 kg
Resolution	2.000, 2.000
Adjustment options	Adjusting with external weight
Stabilization time	2 s
Eccentric loading at 1/3 [Max]	0,06 kg; 0,6 kg
Construction type of the scale	Multi-division balance
Units	kg lb
Maximum creep (15 minutes)	100 g
Maximum creep (30 minutes)	200 g
Default unit	kg

Display

Display type	LCD
Display backlight	✓
Display screen size	0,7"
Display digit height	20 mm
Languages of the user interface	Symbol language

Construction

Dimension housing (W×D×H)	290×326×41 mm
Dimensions completely mounted (W×D×H)	600×354×91,5 mm
Dimensions weighing surface (W×D)	600×295 mm
Dimensions weighing surface	600×295 mm
Dimensions weighing platform (W×D×H)	600×295×45 mm
Material housing	plastic
Material weighing plate	plastic

Functions

Auto-off interval(s) in battery mode/rechargeable battery mode	15 sec
Tare function	manual (single & multi)
Number of keys for operation	4

Power Supply

Supplied power supply	Battery
Battery / accumulator type	Alkali(-Manganese)
Battery	3×1,5V AAA
Battery connection	Pad + Spring
Battery operating time - backlight on	51 h
Battery operating time	51 h
Battery/Accu connected	not connected, enclosed

Environmental conditions

Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C
Humidity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Approval

CE mark	✓
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Services (optional)

Article number for adjustment at the location of installation	961-249
Article number for DAkkS calibration	963-129
Article number for certificate of conformity	969-517

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Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	650×350×170 mm
Shipping method	Parcel service
Net weight approx.	1,6 kg
Gross weight approx.	2,6 kg
Shipping weight	7,7 kg
Shipping volume weight	7,7 kg

Product information

GTIN/EAN number	4045761493827
Trade number	84231090
Warranty Time	24 mon
REACH classification	no prohibited substances

Pictograms

STANDARD

