KERN **MFB 150K100**

Design body analysis scale to determine body weight, body fat, body fluid, muscle mass, proportion of bone, BMI and metabolic rate/metabolic rate when exercising



Date of creation: 24.10.2026

Category

Brand	KERN
Product category	Medical scale
Product group	Body analysis scale
Product family	MFB

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	182 kg
Readability [d]	0,1 kg
Reproducibility	0,1 kg
Linearity	± 0,5 kg
Resolution	1.820
Adjustment options	Calibration not possible
Stabilization time	2 s
Eccentric loading at 1/3 [Max]	1 kg
Construction type of the scale	Single-range balance
Units	kg lb
Default unit	kg
Warm-up time	10 min

Display

Display type	LCD
Display backlight	✓
Display digit height	35 mm

Construction

Dimensions completely mounted (W×D×H)	300×300×25 mm
Dimensions weighing surface (W×D)	300×300 mm
Dimensions weighing surface	300×300 mm
Dimensions weighing platform (W×D×H)	300×300×25 mm
Material weighing plate	glass

Functions

Auto-off interval(s) in battery mode/rechargeable battery mode	1 min
Number of keys for operation	3

Power Supply

Supplied power supply	Battery
Power supply cable removable	removable
Battery / accumulator type	Li-Metal
Battery	2×CR2032
Battery operating time	100 h
Battery capacity	210 mAh
Battery voltage	6 V
Battery – Number of cells	2
Battery – Individual weight	1740 g
Battery – Total weight	3480 g
Battery – Construction	Individual cells
Battery capacity (Wh)	0,63 Wh
Battery – Lithium content	110 mg
Battery – Tests passed UN 38.3	✓
Battery/Accu connected	not connected, isolated in the device

Environmental conditions

Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Humity of environment [Min]	5 %
Humity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Services (optional)

Article number for DAkkS calibration	963-129
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	1 d

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Dimensions packaging (W×D×H)	330×330×60 mm
Shipping method	Parcel service
Net weight approx.	1,8 kg
Gross weight approx.	2,0 kg
Shipping weight	2 kg
Shipping volume weight	1,3 kg

Product information

GTIN/EAN number	4045761202108
Trade number	84231090
Warranty Time	24 mon
REACH classification	no prohibited substances

Pictograms

STANDARD

