KERN **MFB 150K100S05**

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]	0,5 kg
Construction type of the scale	Single-range balance
Units	kg lb
Maximum creep (15 minutes)	200 g
Maximum creep (30 minutes)	400 g
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

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	30 V
Battery – Number of cells	10
Battery – Individual weight	1740 g
Battery – Total weight	17400 g
Battery – Construction	Individual cells
Battery capacity (Wh)	0,63 Wh
Battery – Lithium content	550 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	963-129S05
Article number for certificate of conformity	969-517

KERN **MFB 150K100S05**

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

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	330×330×300 mm
Shipping method	Parcel service
Net weight approx.	9 kg
Gross weight approx.	10 kg
Shipping weight	10 kg
Shipping volume weight	6,5 kg

Product information

GTIN/EAN number	4045761208360
Trade number	84231090
Warranty Time	24 mon
REACH classification	no prohibited substances

Pictograms

STANDARD

