KERN **FOB 500-1S**

Compact stainless steel balance for weighing, checking and portioning in the smallest of spaces



Date of creation: 23.10.2026

Category	
Brand	KERN
Product category	Industrial scale
Product group	Stainless steel bench scale
Product family	FOB-S

Measuring System	
Weighing system	Strain gauge
Number of weighing ranges	1
Weighing capacity [Max]	500 g
Readability [d]	0,1 g
Reproducibility	0,1 g
Linearity	± 0,2 g
Resolution	5.000
Tare range	500 g
Adjustment options	Adjusting with external weight
Recommended adjusting weight	500 g (M1)
Possible calibration points	500 g
Stabilization time	2 s
Eccentric loading at 1/3 [Max]	0,3 g
Construction type of the scale	Single-range balance
Units	g dwt ozt lb oz lb:oz
Maximum creep (15 minutes)	400 mg
Maximum creep (30 minutes)	800 mg
Default unit	g
Warm-up time	10 min

Display	
Display type	LCD
Display backlight	no
Display digit height	20 mm

Construction	
Dimension housing (W×D×H)	155×175×40 mm
Dimensions weighing surface (W×D)	125×155 mm
Dimensions weighing surface	125×155 mm
Dimensions weighing platform (W×D×H)	155×125×8 mm
Material housing	stainless steel
Material weighing plate	stainless steel
Material platform	stainless steel

Functions	
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off 4 min 5 min 2 min
Tare function	manual (multi)
Underfloor weighing	None
Number of keys for operation	3

Power Supply	
Supplied power supply	Battery
Power supply type	Power adapter
Plug-in power supply / adapter for countries - optional	EURO UK CH
Input voltage power supply / power [Max]	230 V AC, 50 Hz
Input voltage device / power [Max]	9 V, 100 mA
Power socket for mains adapter	Inside minus, outside plus
Battery / accumulator type	Alkali(-Manganese)
Battery	9 V block
Battery connection	9V Bloc
Battery operating time - backlight off	20 h

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Battery operating time	20 h
Battery capacity	560 mAh
Battery voltage	9 V
Battery – Number of cells	1
Battery – Individual weight	47 g
Battery – Total weight	47 g
Battery capacity (Wh)	5,04 Wh
Battery – Tests passed UN 38.3	✓
Battery/Accu connected	not connected, enclosed

Environmental conditions

Ambient temperature [Min]	10 °C
Ambient temperature [Max]	40 °C
Humity of environment [Min]	25 %
Humity of environment [Max]	95 %

Services (optional)

Article number for adjustment at the location of installation	961-247
Article number for DAkkS calibration	963-127
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	220×190×75 mm
Shipping method	Parcel service
Net weight approx.	0,70 kg
Gross weight approx.	0,85 kg
Shipping weight	0,839 kg
Shipping volume weight	0,6 kg

Product information

GTIN/EAN number	4045761135734
Trade number	84238129
Warranty Time	24 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

