

KERN FOB 500-1S

KERN

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



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
Warm-up time	10 min
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

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

Underfloor weighing	None
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off 4 min 5 min 2 min
Tare function	manual (multi)
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
Battery / accumulator type	Alkali(-Manganese)
Battery	9 V block
Battery connection	9V Bloc
Battery operating time - backlight off	20 h
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	✓

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Battery/Accu connected not connected, enclosed

Environmental conditions

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

Approval

CE mark	✓
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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

Product information

GTIN/EAN number	4045761135734
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

