

KERN EHA 500-1

The compact all-round model with robust stainless steel weighing plate for use in laboratories, industries, and for teaching



Approval

CE mark	✓
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Display

Display type	LCD
Display type	LCD
Display screen size	75×32 mm
Display backlight	✓
Display digit height	22 mm
Languages of the user interface	Symbol language

Construction

Dimension housing (W×D×H)	225×160×50 mm
Material display housing	Plastics
Material housing	ABS plastic
Material weighing plate	stainless steel
Material platform	Plastics
Dimensions weighing surface (Ø)	105 mm
Levelling feet adjustable	✓

Functions

Number of keys for operation	5
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min
Tare function	manual (multi)
Counting function	✓

Counting

Smallest piece weight when piece counting - laboratory conditions	100 mg
Smallest piece weight when piece counting - normal conditions	1 g
Counting resolution (laboratory conditions)	5.000

Power Supply

Input voltage power supply / power [Max]	100 - 240 V
Input voltage device / power [Max]	9 V, 600 mA
Supplied power supply	Power supply & battery function (battery not included)
Plug-in power supply / adapter for countries - included with the delivery	EURO UK CH
Plug-in power supply / adapter for countries - optional	EURO UK CH

Category

Brand	KERN
Product category	Laboratory balance
Product group	School balance
Product family	EHA

Measuring System

Construction type of the scale	Single-range balance
Number of weighing ranges	1
Weighing system	Strain gauge
Weighing capacity [Max]	500 g
Readability [d]	0,1 g
Resolution	5.000
Linearity	± 0,3 g
Reproducibility	0,3 g
Tare range	500 g
Default unit	g
Units	g gn dwt ct oz
Adjustment options	Adjusting with external weight
Recommended adjusting weight	200 g (M1); 500 g (M1)
Possible calibration points	200 g; 500 g
Stabilization time	3 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,3 g
Maximum creep (15 minutes)	400 mg
Maximum creep (30 minutes)	800 mg

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Battery	2×1.5 V AA
Battery / accumulator type	Alkali(-Manganese)
Battery connection	Battery insert
Battery operating time	70 h

Environmental conditions

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

Packing & Shipping

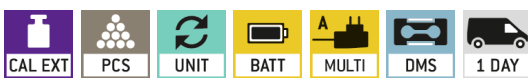
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	245×204×76 mm
Net weight	0,5 kg
Shipping method	Parcel service
Net weight approx.	0,50 kg
Gross weight approx.	0,70 kg
Shipping weight	0,8 kg

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 (verification)	969-517

Pictograms

STANDARD



OPTION

