KERN **EHA 500-2**

KERN

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

Languages of the user interface	Symbol language

Construction

Dimension housing (W×D×H)	225×160×50 mm
Dimensions weighing surface (Ø)	105 mm
Material housing	ABS plastic
Material display housing	Plastics
Material weighing plate	stainless steel
Material platform	Plastics
Material load cell(s)	aluminium
Levelling feet adjustable	✓
Load cells - number	1

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	10 mg
Smallest piece weight when piece counting - normal conditions	100 mg
Counting resolution (laboratory conditions)	50.000

Category

Brand	KERN
Product category	Laboratory balances
Product group	School balances

Measuring System

Readability [d]	0,01 g
Weighing capacity [Max]	500 g
Eccentric loading at 1/3 [Max]	0,03 g
USP Minimum weight of sample (k = 2, U = 0.1%)	60 g
Reproducibility	0,03 g
Linearity	± 0,03 g
Weighing system	Strain gauge
Resolution	50.000
Tare range	500 g
Units	g gn dwt ct oz
Default unit	g
Stabilization time	3 s
Warm-up time	120 min
Adjustment options	Adjusting with external weight
Recommended adjusting weight	200 g (F2); 500 g (F2)
Possible calibration points	200 g; 500 g

Power Supply

Input voltage device / power [Max]	9 V, 600 mA
Supplied plug-in 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
Battery	2×1.5 V AA
Battery operating time	70 h

Approval

CE mark	✓

Display

Display digit height	22 mm
Display backlight	✓
Display screen size	75×32 mm

Environmental conditions

Humity of environment [Max]	80 %
Ambient temperature [Min]	5 °C
Ambient temperature [Max]	40 °C

Packing & Shipping

Readability force [d] (N)	1 d

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Shipping method	Parcel service
Dimensions packaging (W×D×H)	245×204×76 mm
Net weight approx.	0,50 kg
Gross weight approx.	0,75 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

Piktogramme

STANDARD

CAL EXT	PCS	UNIT	BATT	MULTI	DMS	1 DAY

OPTION

DAkkS +3 DAYS