KERN **EHA 500-2**

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



Date of creation: 24.10.2026

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

Measuring System	
Weighing system	Strain gauge
Weighing capacity [Max]	500 g
Readability [d]	0,01 g
Reproducibility	0,03 g
Linearity	± 0,03 g
Resolution	50.000
Tare range	500 g
Adjustment options	Adjusting with external weight
Recommended adjusting weight	200 g (F2); 500 g (F2)
Possible calibration points	200 g; 500 g
Stabilization time	3 s
Eccentric loading at 1/3 [Max]	0,03 g
Construction type of the scale	Single-range balance
Units	g gn dwt ct oz
Maximum creep (15 minutes)	40 mg
Maximum creep (30 minutes)	80 mg
Default unit	g
Warm-up time	120 min

Display	
Display type	LCD
Display backlight	✓
Display screen size	75×32 mm
Display segments	6
Display digit height	22 mm
Languages of the user interface	Symbol language

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

Functions	
Counting function	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min
Tare function	manual (multi)
Counting resolution (laboratory conditions)	50.000
Smallest piece weight when piece counting - laboratory conditions	10 mg
Number of keys for operation	5
Smallest piece weight when piece counting - normal conditions	100 mg

Power Supply	
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
Power supply cable removable	removable
Input voltage device / power [Max]	9 V, 600 mA

KERN **EHA 500-2**

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

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

Environmental conditions

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

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)	245×204×76 mm
Shipping method	Parcel service
Net weight approx.	0,50 kg
Gross weight approx.	0,75 kg
Shipping weight	0,8 kg
Shipping volume weight	0,8 kg

Product information

GTIN/EAN number	4045761229556
Trade number	90160010
Warranty Time	24 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

