

# KERN EHA 500-2

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



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	Plastics
Material display housing	Plastics
Material load cell(s)	aluminium
Level indicator	✓
Levelling feet adjustable	✓
Load cells - number	1

## Functions

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

## 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
Input voltage device / power [Max]	9 V, 600 mA
Battery / accumulator type	Alkali(-Manganese)
Battery	2×1.5 V AA
Battery connection	Battery insert
Battery operating time	70 h

## Category

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

## Measuring System

Construction type of the scale	Single-range balance
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
Warm-up time	120 min
Eccentric loading at 1/3 [Max]	0,03 g
Maximum creep (15 minutes)	40 mg
Maximum creep (30 minutes)	80 mg
Default unit	g
	g
	gn
Units	dwt
	ct
	oz

## Display

Display type	LCD
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## Environmental conditions

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

## 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 (verification)	969-517

## Packing & Shipping

Delivery time	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.	0,75 kg
Shipping weight	0,8 kg

## Pictograms

### STANDARD



### OPTION

