

# KERN EHA 500-2

# KERN

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



## Display

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
Material load cell(s)	aluminium
Load cells - number	1
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	10 mg
Smallest piece weight when piece counting - normal conditions	100 mg
Counting resolution (laboratory conditions)	50.000

## Power Supply

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
Battery	2×1.5 V AA
Battery / accumulator type	Alkali(-Manganese)
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
Resolution	50.000
Linearity	± 0,03 g
Reproducibility	0,03 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 (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

## Approval

CE mark	✓
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## 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.	0,75 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

