PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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KERN EHA 500-1

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

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FEATURES

- Thanks to its compact, robust design, its bright display and high precision, this range is ideal for use in laboratories, quality control, production as well in schools and universities for teaching e.g. biology, chemistry and physics
- Large, shock proof weighing plate made from stainless steel, can be removed and therefore is hygienic and easy to clean
- Particularly flat design
- Ergonomically-optimised key pad with large keys and a high-contrast LCD screen
- Secure and non-slip positioning with rubber feet
- Level indicator and levelling feet for precise levelling of the scale, fitted as standard, to give the most accurate weighing result
- CAL adjustment program for adjusting precision, external test weights available separately

TECHNICAL DATA

- Large backlit LCD display, digit height 22 mm
- Dimensions weighing surface, stainless steel, ⌀ 105 mm
- Overall dimensions 225×160×50 mm
- Optional battery operation, 2×1.5 V AA not included in scope of delivery, operating time up to 70 h
- Mains adapter external, standard
- Net weight approx. 0,50 kg
- Permissible ambient temperature 5 °C/40 °C

MAIN SCOPE OF APPLICATIONS

- Teaching and training
- educational institutions
- Standard laboratory analyses
- Counting applications

PICTOGRAMS

Standard



Option



MODEL OVERVIEW

Model	Weighing capacity [Max]	Readability [d]	Reproducibility	Linearity	Dimensions weighing surface
EHA 500-1	500 g	0,1 g	0,3 g	± 0,3 g	105 mm
EHA 500-2	500 g	0,01 g	0,03 g	± 0,03 g	105 mm
EHA 1000-1	1000 g	0,1 g	0,3 g	± 0,3 g	120×120 mm
EHA 3000-0	3000 g	1 g	3 g	± 2 g	120×120 mm
EHA 3000-1	3000 g	0,1 g	0,3 g	± 0,3 g	120×120 mm

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ACCESSORIES

Model	Description
315-409-405	Safety set 315-409-405, included weight 20 g (M1); 500 g (M1)
YKA-40-US	Plug YKA-40-US

SERVICES

Model	Description
961-247	Adjustment at the location of installation 961-247 (Not in combination with verification)
963-127	DAkkS calibration certificate 963-127
969-517	Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate)969-517
970-011	Warranty extension (+3 years) 970-011

KERN Pictogram Overview

	External adjustment: Adjusting accuracy using external adjustment weight
	Piece counting: Reference quantities selectable. Display can be switched from piece to weight
	Units can be switched to e.g. non-metric units
	Battery operation: Ready for battery operation
	Universal plug-in power supply: With universal input and optional input socket adapters for EU, CH, GB or EU, CH, GB, US or EU, CH, GB, US, AUS
	Weighing principle Strain gauges: Electrical resistor on an elastic deforming body
	Package shipment by courier service: The duration of internal product provision is one day
	Accredited calibration (DKD): The duration of the accredited calibration is 3 working days

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