PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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KERN EFS 500-2

Perfect school balances for experimental teaching – easy to use, space-saving, stackable

ENGLISH



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FEATURES

- Simple and convenient 2-key operation, making them ideal for use in schools and universities
- Tare function facilitates formulation work
- Particularly flat design
- Secure and non-slip positioning with rubber feet
- Stackable for space-saving storage
- Practical battery operation using standard batteries ensures a high level of flexibility and freedom from mains adapters, sockets, chargers, etc.

TECHNICAL DATA

- Large LCD display, digit height 15 mm
- Dimensions weighing surface; plastic, W×D 134×127 mm
- Overall dimensions 145×205×46,5 mm
- Battery operation, 4×1.5 V AA standard, operating time up to 200 h
- Integrated AUTO-OFF function to preserve the batteries
- Net weight approx. 0,45 kg
- Permissible ambient temperature 10 °C/40 °C

MAIN SCOPE OF APPLICATIONS

- Teaching and training
- educational institutions
- Standard laboratory analyses

PICTOGRAMS

Standard



Option



MODEL OVERVIEW

Model	Weighing capacity [Max]	Readability [d]	Reproducibility	Linearity	Dimensions weighing surface
EFS 200-1	220 g	0,1 g	0,1 g	± 0,3 g	134×127 mm
EFS 200-1S05	220 g	0,1 g	0,1 g	± 0,3 g	134×127 mm
EFS 500-2	500 g	0,01 g	0,01 g	± 0,03 g	134×127 mm
EFS 600-1	620 g	0,1 g	0,1 g	± 0,3 g	134×127 mm
EFS 600-1S05	620 g	0,1 g	0,1 g	± 0,3 g	134×127 mm
EFS 2000-0	2200 g	1 g	1 g	± 3 g	134×127 mm
EFS 2000-0S05	2200 g	1 g	1 g	± 3 g	134×127 mm
EFS 3000-1	3000 g	0,1 g	0,1 g	± 0,3 g	134×127 mm
EFS 5000-0	5200 g	1 g	1 g	± 3 g	134×127 mm
EFS 5000-0S05	5200 g	1 g	1 g	± 3 g	134×127 mm

ACCESSORIES

Model	Description
315-309-405	Safety set 315-309-405, included weight 20 g (M1); 500 g (F2)
337-09	Test weight 337-09 (OIML Class F2, Nominal value 500 g, Knob, stainless steel fine turned)
YKA-27	Power adapter YKA-27 (5,9V, 1A | 100 V - 240 V, 50 / 60 Hz | EURO, UK, US, CH)

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
970-012	Warranty extension (+2 years) 970-012

KERN Pictogram Overview

	External adjustment: Adjusting accuracy using external adjustment weight
	Units can be switched to e.g. non-metric units
	Battery operation: Ready for battery operation
	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
	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
	Accredited calibration (DKD): The duration of the accredited calibration is 3 working days

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