PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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KERN EWJ 6000-1SM

High-quality precision balance with automatic internal adjustment, verification optional

ENGLISH



CONTACT

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FEATURES

- Automatic internal adjustment, time-controlled every 2 h, guarantees high degree of accuracy and makes the balance independent of its location
- Capacity display: A bargraph display lights up to show how much of the weighing range is still available
- Cost-effective variant without data interfaces
- Protective working cover included with delivery

TECHNICAL DATA

- Large LCD display, digit height 16,5 mm
- Dimensions weighing surface W×D 155×145 mm, stainless steel
- Overall dimensions (without draught shield) W×D×H 215×340×105 mm
- Overall dimensions (incl. draught shield) W×D×H
- Permissible ambient temperature 15 °C/30 °C

MAIN SCOPE OF APPLICATIONS

- Laboratories
- Analytical and chemical laboratories
- Research
- Quality control
- Universities

PLEASE NOTE FOR YOUR ORDER

- For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order, the initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification
- According to the requirements of the EU Directive and the German Weights and Measures Act, scales in open sales outlets must not have an auxiliary display device. (Scales for the intended use ‘open points of sale’ must have a readability of e=d).

PICTOGRAMS

Standard | Option | Factory







MODEL OVERVIEW

Model	Weighing capacity [Max]	Readability [d]	Reproducibility	Linearity	Dimensions weighing surface
EWJ 6000-1SM	6000 g	0,1 g	0,1 g	± 0,3 g	155×145 mm

ACCESSORIES

Model	Description
EWJ-A05	Power adapter EWJ-A05 (12 V DC, 2500 mA | 100 V - 240 V, 50 / 60 Hz | UK)
KFB-A01	Rechargeable battery pack KFB-A01 (Pb, 6 V, 1.2 Ah)

SERVICES

Model	Description
963-128	DAkkS calibration certificate 963-128
965-217	Verification / Conformity assessment according to NAWI (2014/31/EU) 965-217
969-517	Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate)969-517
970-016	Warranty extension (+3 years) 970-016

KERN Pictogram Overview

	Internal adjustment: Adjusting accuracy using internal adjustment weight
	KERN Communication Protocol (KCP): a standardized interface command set for KERN balances and other instruments, which allows retrieving and controlling all relevant parameters and functions of the device. KERN devices featuring KCP are thus easily integrated with computers, industrial controllers and other digital systems
	Piece counting: Reference quantities selectable. Display can be switched from piece to weight
	Net total: The weight values of the recipe ingredients can be added up and the total weight of the recipe printed out
	Percentage determination: determining the deviation in % from the target value (100 %)
	Units can be switched to e.g. non-metric units
	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
	Rechargeable battery pack: Rechargeable set
	Accredited calibration (DKD): The duration of the accredited calibration is 3 working days
	Conformity assessment: The duration of the conformity assessment is 3 working days

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