PROFESSIONAL MEASURING
SINCE 1844

KERN

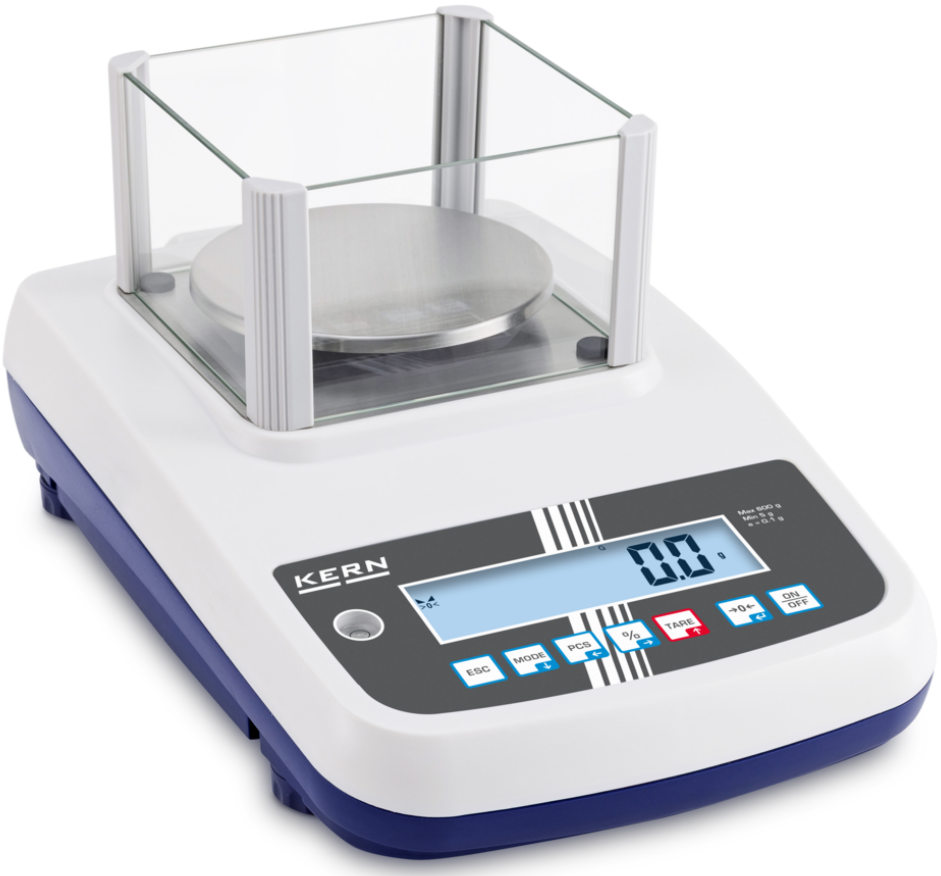
Product brochure

31.10.2026

KERN EWJ 600-1M

Precision scales with customer display – ideal for jewellers and the gold trade, for applications which require verification from 5 g, with optional verification

ENGLISH



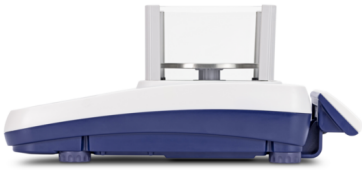
CONTACT

KERN & SOHN GmbH
Ziegelei 1
72336 Balingen
Germany

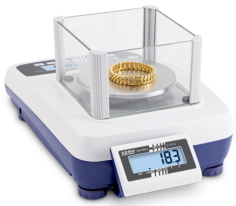
+49 7433 9933-0
info@kern-sohn.com
www.kern-sohn.com







APPLICATION EXAMPLE





ENGLISH

FEATURES

- Designed for use in open points of sale in accordance with legal requirements
- The integrated customer display on the back of the scale and the absence of an auxiliary display device (e = d) ensure legally compliant and transparent weighing directly at the point of sale
- Note for applications requiring verification: The minimum load (min) is 5 g. Measurement results under this minimum load may not be used as a basis for sale or price determination in commercial trade
- Weighing with tolerance range (checkweighing): a visual and audible signal helps with portioning, dispensing or grading
- Standardised, convenient KERN concept of operation: All primary functions have their own key on the keypad
- Capacity display: A bargraph display lights up to show how much of the weighing range is still available
- Draught shield standard, weighing space W×D×H 134×128×80 mm, removable
- Protective working cover included with delivery

MAIN SCOPE OF APPLICATIONS

- Jewellers
- Gold trading

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
- Note for applications requiring verification: The minimum load (min) is 5 g. Measurement results under this minimum load may not be used as a basis for sale or price determination in commercial trade

PICTOGRAMS

Standard | Option | Factory



MODEL OVERVIEW

Model	Weighing capacity [Max]	Readability [d]	Verification value [e]	Minimal load [Min]	Reproducibility	Linearity	Dimensions weighing surface
EWJ 600-1M	600 g	0,1 g	0,1 g	5 g	0,1 g	± 0,3 g	120 mm

ACCESSORIES

Model	Description
EWJ-A04	Protective working cover EWJ-A04
EWJ-A04S05	Protective working cover EWJ-A04S05, scope of delivery: 5 items
EWJ-A06	Rechargeable battery pack EWJ-A06 (Li-Ion, 7,4 V, 2.600 mAh)
YKA-11	Power adapter YKA-11 (12 V, 500 mA | 100 - 240 V~ 50/60 Hz 190 mA | EURO, AUS, UK, US, CH)
YPS-03	Antivibration table YPS-03
YPS-04	Anti-vibration plate KERN YPS-04 (400×450×60 mm, 30 kg)
YPS-05	Anti-vibration plate KERN YPS-05 (565×450×60 mm, 42 kg)

SERVICES

Model	Description
963-127	DAkkS calibration certificate 963-127
965-216	Verification / Conformity assessment according to NAWI (2014/31/EU) 965-216
969-517	Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate)969-517
970-017	Warranty extension (+3 years) 970-017

ENGLISH

KERN Pictogram Overview

	Internal adjustment: Adjusting accuracy using internal adjustment weight
	Piece counting: Reference quantities selectable. Display can be switched from piece to weight
	Percentage determination: determining the deviation in % from the target value (100 %)
	Measuring with tolerance range (checkweighing): Upper and lower limit values can be programmed, e.g. for sorting, portioning or for measuring coatings or material thicknesses. The process is supported by an acoustic and/or optical signal
	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

ENGLISH