

Precision Balance

Gold / Carat / Laboratory Balance

EW

EU-verifiable, class II : Verification is required in commercial transactions, valid for all members of the EU.



Adjusting program (CAL): For quick setting of the balance's accuracy. External adjusting weight standard with KERN.



Spray and dust protection IP 54: Protection class is indicated in the symbol to the left.



Options (additional price)

Data interface: RS 232 C, bidirectional, for connection of printer or PC. **KERN EW-A 01**.



Accu-supply: Rechargeable set, working period 32 h. **KERN EW-A 02**.



Accessories for KERN EW 150-3M: Full glass draught guard with sliding doors on left, right and top, see figure below. **KERN EG-A01**, additional price.



The special Tip:

The EW/EG series of balances offers you a wide variety of verifiable models ranging from 1 mg to 6 kg. Accurate weighing technology which caters for every need.

KERN - Warranty: 3 years

KERN's DKD-Calibration-Laboratory

(DKD = German Calibration Service)

Competence in weighing technology

- DKD-certificates for balances

Competence in adjust. weights

- KERN is a manufacturer of adjust. weights in all classes of accuracy E1 - M3, from 1 mg to 2 000 kg
- DKD-certificates for adjusting weights in the KERN laboratory



standard



Options
only one option possible



A new dimension
in price and power

Verifiable gold and precision balance. You know the problem: required is a verifiable balance, but used only occasionally. In this case the **KERN EW/EG** is just what you need!

Construction/design: Protective working cover supplied as standard. **Capacity display**: a bargraph shows the currently selected and optionally available weighing range. Protection against

undesired exceeding of the weighing range. LCD display, height 16 mm. Total balance, W x D x H 180 x 230 x 85 mm.

KERN EW 150-3M with cylindrical draught-guard supplied as standard (see small figure right). Ø 160 mm, height 60 mm.

Common data: Stabilization time ≈ 2 sec, permissible ambient temperature +10 ... +30° C, mains adapter 230 V, net weight approx. 2 kg.



Model	KERN	EW 150-3M	EW 300-2	EW 600-2M	EW 1500-2M	EW 3000-2M	EW 6000-1M
Readout	d	0.001 g / 0.01 ct	0.01 g	0.01 g	0.01 g	0.01g	0.1 g
Weighing range	Max	150 g / 750 ct	300 g	600 g	1500 g	3000 g	6000 g
Verific. value	e	0.01 g / 0.1 ct	-	0.1 g	0.1 g	0.1 g	1 g
Minimum load	Min	0.02 g / 0.2 ct	-	0.5 g	0.5 g	0.5 g	5 g
Reproducibility		0.002 g / 0.01 ct	0.01 g	0.01 g	0.01 g	0.01 g	0.1 g
Linearity		± 0.003 g / 0.015 ct	± 0.01 g	± 0.02 g	± 0.02 g	± 0.02 g	± 0.2 g
Weighing plate, stainl. steel		Ø 110 mm	Ø 140 mm	Ø 140 mm	Ø 140 mm	Ø 140 mm	172 x 142 mm

1 Verification in the factory. Location of use with postcode required. Additional costs.

Your specialist dealer:

Please request our
balance catalogue!

KERN & Sohn GmbH, D-72322 Balingen, Postbox 4052
Tel. 00 49-[0]74 33-99 33-0 Fax 00 49-[0]74 33-99 33-149
e-mail: info@kern-sohn.de Internet: www.kern-sohn.de

