

Laboratory Balance 470

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**.

Parts counting: Reference quantities selectable: 5, 10, 30, 100 pieces. Display can be switched from piece to weight.

Net-total weighing: Weight of tare-cup and weight of components memorized in two separate stores.

Weighing with tolerance range: Upper and lower limiting can be programmed individually, e.g. dosing/sorting.

Percent determination: Displays the deviation of the reference weight (100%) in % instead of gram.

Underfloor weighing: Load support with hook on the underside of the balance.

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

KERN 470-36 standard with round weighing plate of stainless steel, Ø 170 mm.



Options (additional price)

Data interface: RS 232 C, bidirectional, for connection of printer or PC. **KERN 470-913**.

Accu-supply: Rechargeable set, working period 5 h. **KERN 470-906**.

KERN - Warranty: 3 years

KERN's DKD-Calibration-Laboratory

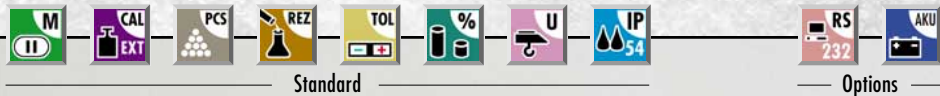
(DKD = German Calibration Service)

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



Perfect precision even for big loads



Sturdy laboratory and industrial balance with numerous control functions.

Dispensing/grading (Weighing within tolerance range): The upper and lower limiting values can be programmed individually, either with weights, or numerically on the keyboard. When dosing/grading, a bar graph swings as a visual aid

between the limiting values, supported by an acoustic warning signal. Over- or under-dosing will be avoided, respectively too light or too heavy parts can be quickly separated. Limiting values can be input in gramme, pieces or %.

Weighing sum memory: The sum of all individual weighing operations can be memorized in separa-

te store, e.g. per days. For control.

Construction/design: Protective working cover supplied as standard. Total balance W x D x H 230 x 300 x 90 mm.

Common data: Stabilization time ≈ 3 sec, permissible ambient temperature 0 ... +40° C, mains adapter 230 V, net weight approx. 8 kg.

Model	Read-out	Weighing range	Verific. value	Minimum load	Repro-ducibility	Linearity	Min. piece weight at parts count.	Weighing plate stainl. steel
KERN	g	g	g	g	g	g	g	mm
470-36	0.01	2000	0.1	0.5	0.01	± 0.02	0.05	Ø 170
470-38	0.01 0.1 0.1	5000	1	5	0.02	± 0.04	0.1	220 x 180
470-44	0.05 0.1 0.1	10000	1	5	0.05	± 0.1	0.25	220 x 180
470-46	0.1	15000	1	5	0.1	± 0.2	0.5	220 x 180

1 Verification in the factory. Location of use with postcode required. Additional costs.
2 Verification only possible at location of use. Additional costs.

3 Readout not verified.
4 Readout verified.

Your specialist dealer:

Please request our balance catalogue!

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