Counting scale KERN CFS





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Professional counting balance with 100 item memories and second balance interface, counting resolution 60,000 points

Features

- Memory (PLU) for 100 items with additional text, reference weight, tare weight e.g. of a container
- Weighing with tolerance range (check-weighing), ideal for portion division, dispensing, grading
- Programmable using numerical key pad: required reference quantity, known reference weight
- Fill-to-target function: Programmable target weight. An audible and visual signal will be displayed when the target value is reached
- Precise counting: The automatic optimisation of reference weight gradually improves the average value of the piece weight
- 1 Interface for second balance to construct a high-resolution counting system, e.g. with balances from the ITS, ITT series (see page 91/92) or weighing bridges (see page 109)

Options

- Rechargeable battery pack internal, operating time approx. 60 h, charging time approx. 14 h, **KERN GAB-A04**
- Protective working cover over keyboard and housing standard, can be reordered, **KERN CFS-A02**
- Standard printer, **KERN YKB-01N**
- Label printer, **KERN YKL-01**

Technical data

- Large backlit displays digit height 20 mm
- Dimensions of weighing plate WxDxH 320x230 mm
- Overall dimensions WxDxH 320x330x125 mm
- Net weight approx. 3,8 kg
- Permissible ambient temperature 0°C / 40°C

STANDARD: CAL EXT, PCS, RS 232, DUAL, TOL, 230 V, TARE, DMS

OPTION: ACCU

STANDARD: 1 DAY, 2 YEARS GUARANTY

OPTION: DKD +3 DAYS

Model KERN	Weighing range [Max] kg	Read-out [d] g	Repro-duci-bility g	Linea-rity g	Min. piece weight [PW min] g/piece		Option DKD Calibr. Certificate DKD KERN	
CFS 6K0.1	6	0,1	0,1	± 0,2	0,1		963-128	
CFS 15K0.2	15	0,2	0,2	± 0,4	0,2		963-128	
CFS 30K0.5	30	0,5	0,5	± 1	0,5		963-128	

KERN Pictograms

Internal adjusting (CAL): Quick setting of the balance's accuracy with internal adjusting weight (motordriven).

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

Weighing units: Can be switched to e.g. non-metric units at the touch of a key. See balance model. Please refer to KERN's website for more details.

Rechargeable battery pack: rechargeable set.

Power supply: integrated in balance. 230V/50Hz in Germany. On request GB or USA version.

Mains adapter: 230V/50Hz in standard version for Germany. On request GB or USA version.

Battery operation: The battery type is specified for each device.

Piece counting: Reference quantities selectable. Display can be switched from piece to weight

Spray and dust protection IPxx The type of protection is shown by the pictogram. For details see the glossary.

Data interface: The type of interface is shown by the pictogram. See the glossary for further details.

GLP/ISO record keeping of weighing data with date, time and identification-no. Only with printers from KERN.

Tare: put back displayed value to "0" during weighing process, e.g. to add or remove weighing material from a container.

Animal weighing program: Strong vibrations are filtered out to determine a stable weighing result.

Stainless steel: the balance is protected against corrosion.

Warranty: The warranty period is shown in the pictogram.

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

Suspended weighing: load support with hook on the underside of the balance.

Verification possible. The time required for verification is specified in the pictogram.

Percentage determination: Displays the deviation from the reference weight (100%) in % instead of grams.

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

DKD calibration possible. The time required for DKD calibration is specified in the pictogram.

Package shipment via courier.

Pallet shipment via freight forwarder.

[DMS] For details on weighing technologies, see the glossary.

Precision is our business

To ensure the high level of precision of your balance, KERN offers the appropriate test weight package for your balance. This consists of the test weight, box and DKD calibration certificate, as proof of its accuracy. The best way to ensure proper balance calibration.

In the extensive KERN test weight range, you will find test weights in the international OIML error limit classes: E1, E2, F1, F2, M1, M2, and M3 with weights from 1 mg to 2000 kg.

The KERN DKD calibration laboratory for electronic balances and weights has been accredited by DKD since 1994 and today is one of the most modern and best-equipped DKD calibration laboratories for balances, test weights and force-measurement in Europe.
(DKD = German Calibration Service)

Thanks to the high level of automation, we can carry out DKD calibration of balances, test weights and force-measuring devices 24 hours a day, 7 days a week.

Range of services:

- DKD calibration of balances with a maximum load of up to 6 t
- DKD calibration of weights in the range of 1 mg – 500 kg
- Database supported management of checking equipment and reminder service
- Calibration of force-measuring devices
- DKD calibration certificates in the following languages D, GB, F, I, E, NL, PL

Do you have questions about your scale, the corresponsing test weight or the calibration service ? Your KERN specialist dealer will be pleased to assist you.

Your KERN specialist dealer:

KERN – Professional measuring. Measuring technology and testing services from a single source

DKD-K-11801

German Excellence Group
Member

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