



Professional counting scale with 100 item memories and second balance interface, counting resolution up to 75,000 pt

Features

- **Memory (PLU) for 100 items** with additional text, reference weight and tare weight, e.g. of a container
- **Weighing with tolerance range** (checkweighing), 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 acoustic 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
- **Interface for second balance** to construct a high-resolution counting system, e.g. with weighing bridges KFP V20 (see page 108)

Technical data

- Large backlit LCD displays, digit height 20 mm
- Dimensions of weighing plate WxD 294x225 mm
- Overall dimensions WxDxH 320x350x125 mm
- Net weight approx. 3,8 kg
- Permissible ambient temperature 0°C / 40°C

Options

- **Signal lamp** for visual support of checkweighing procedures, must be ordered at purchase, KERN CFS-A03
- **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
- **Matrix needle printer**, KERN 911-013
- **Thermal printer**, KERN YKB-01N

For additional information on the printers see page 124

STANDARD



OPTION



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OPTION



| Model | Weighing range [Max] kg | Read-out [d] g | Reproducibility g | Linearity g | Min. piece weight [PW min] g/piece | Option | |
|------------|-------------------------|----------------|-------------------|-------------|------------------------------------|-------------------------|--|
| | | | | | | DKD Calibr. Certificate | |
| KERN | | | | | | 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, AUS or USA version. |  Mains adapter: 230V/50Hz in standard version for Germany. On request GB, AUS 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. |
|  Dynamic weighing: 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: Determining the deviation in % from the target value (100%). |  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 6000 kg
- 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 corresponding 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



German Excellence Group
Member