Counting scale KERN CXB





Entry level model in professional counting, also with EC-Type Approval [M], counting resolution of 30,000 Pt

Features

- Precise counting: The automatic optimisation of reference weight gradually improves the average value of the piece weight
- Programmable using numerical key pad: known reference weight required reference quantity
- Audible Fill-to-target: target quantity or target weight can be programmed. When the target value is reached, a signal will sound
- Counting results memory: adds up all individual counting operations, result is shown in total weight and total pieces
- Rechargeable battery pack internal, standard. Operating time approx. 60 h, charging time approx. 8 h. Charge condition indicator on display
- Energy management: Backlight turns off after 5 sec
- Soil-resistant construction with water channels at the edge of the housing and sealing rings over the upper housing inlets
- PRE-TARE function for manual subtraction of a known container weight, which can be saved

Options

- Protective working cover over keyboard and housing, standard, can be reordered, **KERN CXB-A01**

Technical data

- Large backlit LCD displays digit height 18 mm
- Dimensions of weighing plate (stainless steel): 300x225 mm
- Overall dimensions WxDxH 300x330x110 mm
- Net weight approx. 4 kg
- Permissible ambient temperature -10°C / 40°C

STANDARD: CAL EXT · PCS · ACCU · 230 V · DMS

STANDARD: 1 DAY · 2 YEARS GUARANTY

OPTION: DKD +3 DAYS

FACTORY: M +7 DAYS

Model KERN	Weighing range [Max] kg	Read-out [d] g	Verification value [e] g	Minimum load [Min] g	Repro-duci-bility g	Min. piece weight [PW min] g/piece		Options: Verification KERN		Options: DKD Calibr. Certificate KERN	
CXB 3K0.2	3	0,2	–	–	0,2	0,1		–		963-127	
CXB 6K0.5	6	0,5	–	–	0,5	0,2		–		963-128	
CXB 15K1	15	1	–	–	1	0,5		–		963-128	
CXB 30K2	30	2	–	–	2	1		–		963-128	
Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.											
CXB 3K1M	3	1	1	20	1	0,1		950-127		963-127	
CXB 6K2M	6	2	2	40	2	0,2		950-128		963-128	
CXB 15K5M	15	5	5	100	5	0,5		950-128		963-128	
CXB 30K10M	30	10	10	200	10	1		950-128		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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