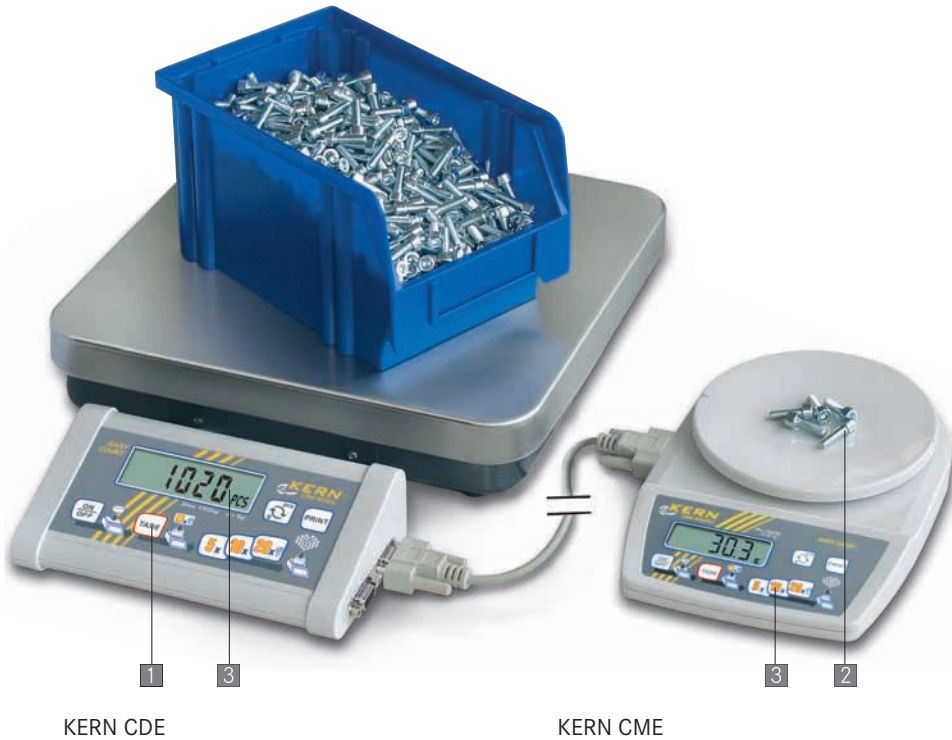


# Counting system KERN CDEE



## Self-explanatory control panel with graphics:

- **1** Place the empty container on the weighing plate of the quantity scale and tare using the TARE key
- **2** Place the reference quantity onto the reference balance (e.g. 5, 10, or 20 pieces)
- **3** Confirm the selected reference quantity by pressing the key (5, 10 or 20)
- **4** Pour the goods to be counted into the container on the quantity scale. The number of pieces will immediately be shown on the display

KERN CDE

KERN CME

## Counting system with simple operation with a resolution of 750,000 points

### Features:

A counting system which is particularly intuitive to use, consisting of a KERN CDE bulk scale and KERN CME reference balance.

### Multi-purpose use:

Each balance can be used individually. Switching from counting mode to weighing mode at the press of a button.

### CDE bulk scale

This is parts counting at a high degree of precision. For details see page 75, can be delivered separately.

- Battery operation possible
- Second data interface as standard, e.g. for printer connection

### CME reference balance

It is ideal for accurately measuring the piece weight (= reference or count weight). The reference balance is linked to the bulk balance using the interface cable. For details see page 74, can be delivered separately.

- Battery operation possible
- KERN CDE-A01 **interface cable**, included, cable length approx. 1.5 m

### Options:

#### CDE:

- Rechargeable battery pack, internal, operating time approx. 15 h, charging time 10 h, **KERN FCB-A01**
- Protective working cover as standard, can be reordered, **KERN CDE-A02**

#### CME:

- Rechargeable battery pack, external, operating time approx. 230 h, charging time 10 h, **KERN KS-A01**
- Standard printer with individual header data configuration, **KERN YKB-01N**
- Label printer with printout configuration and barcode function, **KERN YKL-01**

For all printers see page 125

#### Technical data:

#### CDE:

- Weighing plate
  - A** WxDxH 315x305x85 mm (Fig.)
  - B** WxDxH 522x408x125 mm

#### CME:

- Weighing plate
  - A** Ø 105 mm (Fig.)
  - B** Ø 150 mm
























STANDARD		OPTION		STANDARD		OPTION		

Counting system (Quantity scale + Reference balance) KERN	Quantity scale CDE	Weighing range [Max] kg	Read- out [d] g	Weighing plate	Reference balance CME	Weighing range [Max] kg	Read- out [d] g	Min. piece weight [PW min] g/piece	Option DKD Calibr. Certificate	
									DKD KERN	
CDEE 35K0.001	CDE 35K1	35	1	A	CME 100-3	100	0,001	0,002		962-128-127
CDEE 35K0.01	CDE 35K1	35	1	A	CME 300-2	300	0,01	0,02		962-128-127
CDEE 35K0.01L	CDE 35K1L	35	1	B	CME 300-2	300	0,01	0,02		962-128-127
CDEE 60K0.01	CDE 60K2	60	2	A	CME 300-2	300	0,01	0,02		962-129-127
CDEE 60K0.01L	CDE 60K2L	60	2	B	CME 300-2	300	0,01	0,02		962-129-127
CDEE 150K0.1	CDE 150K5	150	5	A	CME 3000-1	3000	0,1	0,2		962-129-127
CDEE 150K0.1L	CDE 150K5L	150	5	B	CME 3000-1	3000	0,1	0,2		962-129-127

Price reduction

\* **Total price** = quantity scale KERN CDE, reference balance KERN CME, data interfaces, interface cable

# KERN Pictograms

 <b>Internal adjusting (CAL):</b> Quick setting of the balance's accuracy with internal adjusting weight (motordriven).	 <b>Adjusting program (CAL):</b> For quick setting of the balance's accuracy. External adjusting weight required.	 <b>Weighing units:</b> 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.
 <b>Rechargeable battery pack:</b> rechargeable set.	 <b>Power supply:</b> integrated in balance. 230V/50Hz in Germany. On request GB or USA version.	 <b>Mains adapter:</b> 230V/50Hz in standard version for Germany. On request GB or USA version.
 <b>Battery operation:</b> The battery type is specified for each device.	 <b>Piece counting:</b> Reference quantities selectable. Display can be switched from piece to weight	 <b>Spray and dust protection IPxx</b> The type of protection is shown by the pictogram. For details see the glossary.
 <b>Data interface:</b> The type of interface is shown by the pictogram. See the glossary for further details.	 <b>GLP/ISO record keeping</b> of weighing data with date, time and identification-no. Only with printers from KERN.	 <b>Tare:</b> put back displayed value to "0" during weighing process, e.g. to add or remove weighing material from a container.
 <b>Animal weighing program:</b> Strong vibrations are filtered out to determine a stable weighing result.	 <b>Stainless steel:</b> the balance is protected against corrosion.	 <b>Warranty:</b> The warranty period is shown in the pictogram.
 <b>Net-total weighing:</b> weight of tare cup and weight of components memorized in two separate stores.	 <b>Suspended weighing:</b> load support with hook on the underside of the balance.	 <b>Verification possible.</b> The time required for verification is specified in the pictogram.
 <b>Percentage determination:</b> Displays the deviation from the reference weight (100%) in % instead of grams.	 <b>Weighing with tolerance range:</b> Upper and lower limiting can be programmed individually, e.g. dosing/sorting.	 <b>DKD calibration possible.</b> The time required for DKD calibration is specified in the pictogram.
 <b>Package shipment</b> via courier.	 <b>Pallet shipment</b> via freight forwarder.	<b>[DMS]</b> 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 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