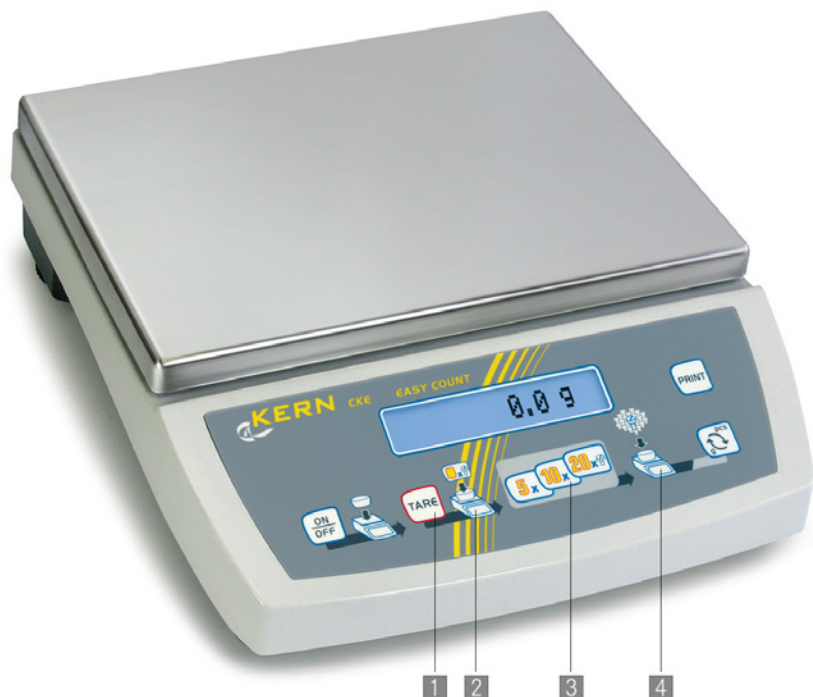


# Counting scale KERN CKE



Easy to use, self-explanatory counting scale with laboratory accuracy, counting resolution up to 360,000 points

## Features

- **Self-explanatory graphic control panel**, counting process can be understood immediately, even without operating instructions.
  - no learning time = reduces costs
  - ideal for untrained users
  - visualised process avoids operating errors
- The 4 steps are carried out from left to right:
  - 1 Place the empty container onto the weighing plate and tare by pressing the TARE key
  - 2 Place the reference quantity for the goods to be counted into the container (5, 10 or 20 pieces)
  - 3 Confirm the selected reference quantity by pressing the key (5, 10 or 20)
  - 4 Pour in the goods to be counted. The number of pieces will immediately be shown in the display
- **Precise counting:** The automatic reference weight optimisation of reference weight

gradually improves the average piece weight value

- **Two scales in one:** Switching from counting mode to weighing mode at the touch of a key

## Technical data

- Large backlit LCD display
  - A, B digit height 9 mm, C digit height 18 mm
- Weighing plate dimensions, stainless steel\*
  - A Ø 81 mm, B WxD 150x170 mm\*
  - C WxD 340x240 mm\*, see enlarged picture
- Overall dimensions WxDxH
  - A, B 167x250x85 mm, C 350x390x120 mm
- Optional battery operation for models with weighing plate size C, batteries 6 x 1.5 V Size C not standard, operating time up to 40 h
- Net weight for models with weighing plate size
  - A approx. 1 kg
  - B approx. 1,8 kg
  - C approx. 6,5 kg

- Permissible ambient temperature 10 °C / 40 °C

## Accessories

- **Protective working cover** over keyboard and housing standard. Can be re-ordered, scope of delivery: 5 items, for models with weighing plate size
  - A KERN PCB-A02S05
  - B KERN PCB-A05S05
  - C KERN FKB-A02S05
- **Rechargeable battery pack external**, operating time up to 25 hours with backlight, charging time approx. 10 h, KERN KS-A01
- **Rechargeable battery pack internal** only for models with weighing plate size A and B, operating time up to 25 hours with backlight, charging time approx. 10 h, can be retrofitted, KERN KB-A01N
- **Suitable printers** and further, extensive accessories from page 177 ff.

### STANDARD






### OPTION



Model	Weighing range [Max] kg	Readout [d] g	Min. piece weight [Counting] g/piece	Counting resolution Points	Weighing plate	Option DAkkS Calibr. Certificate	
						DKD KERN	
<b>CKE 360-3</b>	0,36	0,001	0,001	360.000	A	963-127	
<b>CKE 2000-2</b>	2	0,01	0,01	200.000	B	963-127	
<b>CKE 3600-2</b>	3,6	0,01	0,01	360.000	B	963-127	
<b>CKE 6K0.02</b>	6	0,02	0,02	300.000	C	963-128	
<b>CKE 8K0.05</b>	8	0,05	0,05	160.000	C	963-128	
<b>CKE 16K0.05</b>	16	0,05	0,05	320.000	C	963-128	
<b>CKE 16K0.1</b>	16	0,1	0,1	160.000	C	963-128	
<b>CKE 36K0.1</b>	36	0,1	0,1	360.000	C	963-128	
<b>CKE 65K0.2</b>	65	0,2	0,2	325.000	C	963-129	
<b>CKE 65K0.5</b>	65	0,5	0,5	130.000	C	963-129	

# KERN Pictograms:

 <b>Internal adjusting:</b> Quick setting up of the balance's accuracy with internal adjusting weight (motordriven).	 <b>Piece counting:</b> Reference quantities selectable. Display can be switched from piece to weight.	 <b>Suspended weighing:</b> Load support with hook on the underside of the balance.
 <b>Adjusting program CAL:</b> For quick setting up of the balance's accuracy. External adjusting weight required.	 <b>Recipe level A:</b> Separate memory for the weight of the tare container and the recipe ingredients (net total).	 <b>Battery operation:</b> Ready for battery operation. The battery type is specified for each device.
 <b>Memory:</b> Balance memory capacity, e.g. for article data, weighing data, tare weights, PLU etc.	 <b>Recipe level B:</b> Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display.	 <b>Rechargeable battery pack:</b> Rechargeable set.
 <b>Alibi memory:</b> Electronic archiving of weighing results, complying with the 2009/23/EC standard.	 <b>Recipe level C:</b> Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display, adjustment of recipe when dosages are exceeded, multiplier function, barcode.	 <b>Universal mains adapter:</b> with universal input and optional input socket adapters for A) EU, GB B) EU, GB, CH, USA C) EU, GB, CH, USA, AUS
 <b>Data interface RS-232:</b> To connect the balance to a printer, PC or network.	 <b>Totalising level A:</b> The weights of similar items can be added together and the total can be printed out.	 <b>Mains adapter:</b> 230V/50Hz in standard version for EU. On request GB, USA or AUS version available.
 <b>RS-485 data interface:</b> To connect the balance to a printer, PC or other peripherals. High tolerance against electromagnetic disturbance.	 <b>Totalising level C:</b> Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display, adjustment of recipe when dosages are exceeded, multiplier function, barcode recognition.	 <b>Power supply:</b> Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, USA or AUS on request.
 <b>USB data interface:</b> To connect the balance to a printer, PC or other peripherals.	 <b>Weighing principle: Strain gauge</b> Electrical resistor on an elastic deforming body.	 <b>Weighing principle: Tuning fork</b> A resonating body is electromagnetically excited, causing it to oscillate.
 <b>Bluetooth* data interface:</b> To transfer data from the balance to a printer, PC or other peripherals.	 <b>Percentage determination:</b> Determining the deviation in % from the target value (100 %).	 <b>Weighing principle: Electromagnetic force compensation</b> Coil inside a permanent magnet. For the most accurate weighings.
 <b>WLAN data interface:</b> To transfer data from the balance to a printer, PC or other peripherals.	 <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>Weighing principle: Single cell technology</b> Advanced version of the force compensation principle with the highest level of precision.
 <b>Control outputs (optocoupler, digital I/O):</b> To connect relays, signal lamps, valves, etc.	 <b>Weighing with tolerance range:</b> Upper and lower limiting values can be programmed individually for e.g. dosing, sorting and portioning.	 <b>Verification possible:</b> The time required for verification is specified in the pictogram.
 <b>Interface for second balance:</b> For direct connection of a second balance.	 <b>Hold function:</b> (Animal weighing program) When the weighing conditions are unstable, a stable weight is calculated as an average value.	 <b>DAKkS calibration possible (DKD):</b> The time required for DAKkS calibration is shown in days in the pictogram.
 <b>Network interface:</b> For connecting the scale to an Ethernet network. With KERN products you can use a universal RS-232/LAN converter.	 <b>Protection against dust and water splashes IPxx:</b> The type of protection is shown in the pictogram.	 <b>Package shipment:</b> The time required for internal shipping preparations is shown in days in the pictogram.
 <b>Wireless data transfer:</b> between the weighing unit and the evaluation unit using an integrated radio module.	 <b>ATEX explosion protection:</b> Suitable for use in hazardous industrial environments, in which there is explosion danger. The ATEX marking is specified for each device.	 <b>Pallet shipment:</b> The time required for internal shipping preparations is shown in days in the pictogram.
 <b>GLP/ISO log:</b> The balance displays the weight, date and time, regardless of a printer connection.	 <b>Stainless steel:</b> The balance is protected against corrosion.	 <b>Warranty:</b> The warranty period is shown in the pictogram.
 <b>GLP/ISO log:</b> With weight, date and time. Only with KERN printers.		

## KERN – Precision is our business

To ensure the high precision of your balance KERN offers you the the appropriate test weight in the international OIML error limit classes E1-M3 from 1 mg - 2000 kg. In combination with a DAKkS calibration certificate the best pre-requisite for proper balance calibration.

The KERN DAKkS calibration laboratory today is one of the most modern and best-equipped DAKkS calibration laboratories for balances, test weights and force-measurement in Europe.

Thanks to the high level of automation, we can carry out DAKkS calibration of

balances, test weights and force-measuring devices 24 hours a day, 7 days a week.

### Range of services:

- DAKkS calibration of balances with a maximum load of up to 50 t
- DAKkS calibration of weights in the range of 1 mg – 2500 kg
- Database supported management of checking equipment and reminder service
- Calibration of force-measuring devices
- DAKkS calibration certificates in the following languages D, GB, F, I, E, NL, PL

## Your KERN specialist dealer: