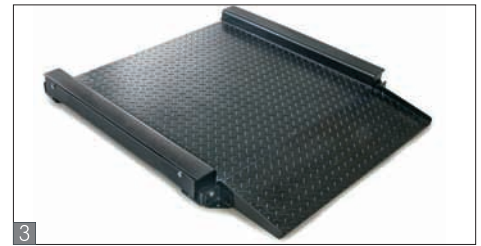
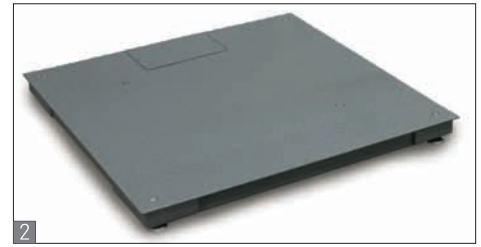




KERN KFP

KERN CFS



Counting the smallest parts in the largest quantities, counting resolution $\geq 300,000$ points

08

Features:

This highly-accurate KERN CCS counting system, consisting of a KERN KFP bulk balance and a KERN CFS reference balance, can replace a whole range of individual counting balances.

KERN KFP bulk scale

The high-accuracy quantity counting takes place on the weighing platform (= weighing bridge) KERN KFP

- Stainless steel platform, substructure steel lacquered
- Aluminium Single-Point load cell (1x3000 e), protected to IP65

KERN CFS reference balance

This KERN CFS professional counting balance which can be used as an individual balance can

also fulfil even the highest level of requirements for accuracy, weighing range and volume of items by connecting it to a high-capacity weighing bridge

- Large backlit LCD displays with digit height 20 mm
- Programmable using numerical keypad:
 - required reference quantity
 - known reference weight
- Memory (PLU) for 100 items with additional text
- Weighing with tolerance range (checkweighing)
- 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

Options:

- Reference balance can also be delivered separately, for further details see pag. 73, **KERN CFS 6K0.1**
 - Rechargeable battery pack internal, operating time approx. 70 h, charging time approx. 14 h, **KERN GAB-A04**
 - Standard printer, **KERN YKB-01N**
 - Label printer, **KERN YKL-01**
- For all printers, see page 125

Technical data:

KFP: (For details see page 109)

- Weighing plate (stainless steel):
 - A** 400x300x128 mm (Fig.)
 - B** 500x400x137 mm
 - C** 650x500x142 mm
- Connection cable approx. 1.5 m

CFS:

- Overall dimensions WxDxH 320x330x125 mm
- Weighing plate (stainless steel): 320x230 mm
- Net weight approx. 3.8 kg
- Other bulk scales on request, e.g.

- 1 Pallet scales,
- 2 Floor scales,
- 3 Drive-through scales, etc.

STANDARD



OPTION



STANDARD


























OPTION



Counting system (Quantity scale + Reference balance) KERN	Quantity scale KFP	Weighing range [Max] kg	Read- out [d] g	Weighing plate	Reference balance CFS	Weighing range [Max] kg	Read- out [d] g	Min. piece weight [PW min] g/piece	Option	
									DKD KERN	Calibr. Certificate
CCS 30K0.1	KFP 30V20M	30	10	A	CFS 6K0.1	6	0,1	0,1	962-128-128	
CCS 60K0.1	KFP 60V20M	60	20	A	CFS 6K0.1	6	0,1	0,1	962-129-128	
CCS 60K0.1 L	KFP 60V20LM	60	20	B	CFS 6K0.1	6	0,1	0,1	962-129-128	
CCS 150K0.1	KFP 150V20LM	150	50	B	CFS 6K0.1	6	0,1	0,1	962-129-128	
CCS 150K0.1 L	KFP 150V20LM	150	50	C	CFS 6K0.1	6	0,1	0,1	962-129-128	
CCS 300K0.1	KFP 300V20M	300	100	C	CFS 6K0.1	6	0,1	0,1	962-129-128	

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

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 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