

Stocktaking counting system KERN FKC

NEW



High-resolution stocktaking counting system with touchscreen to quickly measure the quantity of stock items and information transfer to the PC

Features

- **Counting with a reference balance for high counting accuracy:** the highly accurate KERN counting system FKC can replace a whole range of individual balances, efficiently and at a reasonable price. The counting system consists of an FKA bulk scale (see page 98 for details) and a KB-N reference balance (see page 26 for details) as well as an interface cable.
- **Application-orientated scale-PC system** for rapid and reliable recording of stock levels, e.g. as part stocktaking
- **Item recognition** using the optional bar-code scanner is possible.
- **Individual printout templates** can be stored for Weighing Mode and Counting Mode. Can be edited directly at the balance or at the PC
- **Note:** As well as stocktaking, the balance can be used in many other applications, e.g. as a weighing scale, commissioning scale or as a professional counting scale with item memory for up to 500 items and associated daily totals memory for each item.

Technical data Reference balance KB-N

- Large backlit LCD screen with digit height 9 mm
- Weighing plate dimensions Ø/WxD
KB 120-3N: Ø 81 mm
KB 1200-2N: 130x130 mm
- Dimensions housing KB-N:
WxDxH 167x250x85 mm
- Permissible ambient temperature 10 °C / 40 °C

Technical data Quantity scale FKA

- Large backlit and touch-sensitive LCD screen with digit height 18 mm, screen diagonal 5.8" (approx. 147 mm)
- Dimensions housing FKA:
WxDxH 350x390x120 mm
- Optional battery operation, 6 x 1.5 V Size C not included, operating time up to 15 h
- Net weight approx. 6,5 kg
- Permissible ambient temperature 10 °C / 40 °C

Accessories Reference balance KB-N

- **Protective working cover** over keyboard and housing, standard, can be retrofitted
KB 120-3N: PCB-A02
KB 1200-2N: PCB-A04
- **Rechargeable battery pack external**, operating time up to 15 h without backlight, charging time approx. 10 h, KERN KB-A01N

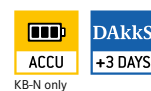
Accessories Quantity scale FKA

- see page 98

STANDARD











































OPTION



Model	Quantity scale	Weighing range [Max] kg	Readout [d] g	Weighing plate mm	Reference balance	Weighing range [Max] g	Readout [d] g	Min. piece weight [Counting] g/piece	Options	
									DAkKS KERN	DAkKS Calibr. Certificate
FKC 30K-6	FKA 30K-4	36	0,1	340 x 240	KB 120-3N	120	0,001	0,001		962-128-127
FKC 30K-5	FKA 30K-4	36	0,1	340 x 240	KB 1200-2N	1200	0,01	0,01		962-128-127
FKC 60K-6	FKA 60K-4	65	0,2	340 x 240	KB 120-3N	120	0,001	0,001		962-129-127
FKC 60K-5	FKA 60K-4	65	0,2	340 x 240	KB 1200-2N	1200	0,01	0,01		962-129-127

KERN Pictograms

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

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.

Your KERN specialist dealer:

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 6 t
- DAkkS 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
- DAkkS calibration certificates in the following languages D, GB, F, I, E, NL