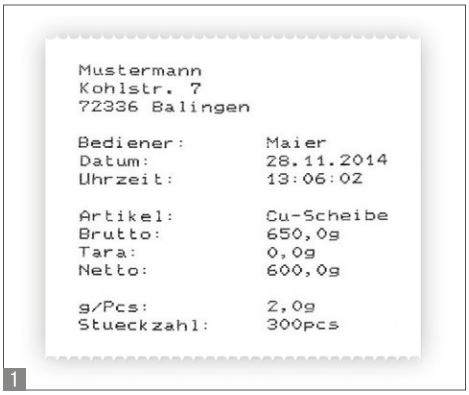
Stocktake scale KERN FKC

Quantity scale KERN FKA **Reference scale KERN KB-N**

SCAN ME!

*You will be impressed with how easy **stocktaking** is now, with KERN ...*



Stocktaking scale with touchscreen to quickly measure the quantity of stock items and information to the PC

Features

- **Counting with a reference balance for high counting accuracy:** the highly accurate KERN FKC counting system can replace a whole range of individual balances, efficiently and at a reasonable price.
- The counting system consists of an FKA bulk scale FKA (see p. 96 for details) and a KB-N reference balance KB-N (details see page 25) as well as an interface cable
- Application-orientated balance-PC system for rapid and reliable recording of stock levels, e.g. as part of a stocktake or goods inwards control
- **Item recognition using the optional bar-code scanner is possible**, see accessories
- 1 **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 balance 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 scale KB:
- Backlit LCD display, digit height 9 mm
- Weighing plate dimensions, stainless steel, Ø/WxD
  KB 120-3N: Ø 81 mm
  KB 1200-2N: 130x130 mm
- Dimensions housing WxDxH 167x250x85 mm
- Permissible ambient temperature 10 °C / 40 °C

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

Accessories

Reference scale KB-N:
- **Protective working cover** over keyboard and housing, standard. Can be re-ordered, scope of delivery: 5 items
  KB 120-3N: KERN PCB-A02S05
  KB 1200-2N: KERN PCB-A04S05
- **Rechargeable battery pack external**, operating time up to 15 hours with backlight, charging time approx. 10 h, KERN KB-A01N

Reference scale FKA:
- **Barcode scanner**, table-top version, dimensions WxDxH 230x150x135 mm, KERN SMT-A02
- **Barcode scanner**, hand-held version, dimensions WxDxH 235x210x115 mm, KERN SMT-A03
- **Radio barcode scanner**, hand-held version, dimensions WxDxH 225x220x110 mm, KERN SMT-A04
- Further accessory see page 96

STANDARD: CAL EXT, MEMORY, RS 232, GLP PRINTER, PCS, RECIPE (only KB-N), PERCENT (only KB-N), UNIT, UNDER, BATT (only FKA), MULTI, DMS, 2 DAYS, 3 YEARS WARRANTY

OPTION: ACCU (only KB-N), DAkkS +3 DAYS

Model KERN	Quantity scale FKA	Weighing range [Max] kg	Readout [d] g	Weighing plate WxD mm	Reference scale KB-N	Weighing range [Max] g	Readout [d] g	Min. piece weight [Counting] g/piece		Option DAkkS Calibr. Certificate DKD KERN	
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).

Adjusting program CAL: For quick setting up of the balance's accuracy. External adjusting weight required.

Memory: Balance memory capacity, e.g. for article data, weighing data, tare weights, PLU etc.

Alibi memory: Electronic archiving of weighing results, complying with the 2009/23/EC standard.

Data interface RS-232: To connect the balance to a printer, PC or network.

RS-485 data interface: To connect the balance to a printer, PC or other peripherals. High tolerance against electromagnetic disturbance.

USB data interface: To connect the balance to a printer, PC or other peripherals.

Bluetooth* data interface: To transfer data from the balance to a printer, PC or other peripherals.

WLAN data interface: To transfer data from the balance to a printer, PC or other peripherals.

Control outputs (optocoupler, digital I/O): To connect relays, signal lamps, valves, etc.

Interface for second balance: For direct connection of a second balance.

Network interface: For connecting the scale to an Ethernet network. With KERN products you can use a universal RS-232/LAN converter.

Wireless data transfer: between the weighing unit and the evaluation unit using an integrated radio module.

GLP/ISO log: The balance displays the weight, date and time, regardless of a printer connection.

GLP/ISO log: With weight, date and time. Only with KERN printers.

Piece counting: Reference quantities selectable. Display can be switched from piece to weight.

Recipe level A: Separate memory for the weight of the tare container and the recipe ingredients (net total).

Recipe level B: Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display.

Recipe level C: 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.

Totalising level A: The weights of similar items can be added together and the total can be printed out.

Totalising level C: 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.

Percentage determination: Determining the deviation in % from the target value (100 %).

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.

Weighing with tolerance range: Upper and lower limiting values can be programmed individually for e.g. dosing, sorting and portioning.

Hold function: (Animal weighing program) When the weighing conditions are unstable, a stable weight is calculated as an average value.

Protection against dust and water splashes IPxx: The type of protection is shown in the pictogram.

ATEX explosion protection: Suitable for use in hazardous industrial environments, in which there is explosion danger. The ATEX marking is specified for each device.

Stainless steel: The balance is protected against corrosion.

Suspended weighing: Load support with hook on the underside of the balance.

Battery operation: Ready for battery operation. The battery type is specified for each device.

Rechargeable battery pack: Rechargeable set.

Universal mains adapter: with universal input and optional input socket adapters for
A) EU, GB
B) EU, GB, CH, USA
C) EU, GB, CH, USA, AUS

Mains adapter: 230V/50Hz in standard version for EU. On request GB, USA or AUS version available.

Power supply: Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, USA or AUS on request.

Weighing principle: Strain gauge Electrical resistor on an elastic deforming body.

Weighing principle: Tuning fork A resonating body is electromagnetically excited, causing it to oscillate.

Weighing principle: Electromagnetic force compensation Coil inside a permanent magnet. For the most accurate weighings.

Weighing principle: Single cell technology Advanced version of the force compensation principle with the highest level of precision.

Verification possible: The time required for verification is specified in the pictogram.

DAkkS calibration possible (DKD): The time required for DAkkS calibration is shown in days in the pictogram.

Package shipment: The time required for internal shipping preparations is shown in days in the pictogram.

Pallet shipment: The time required for internal shipping preparations is shown in days in the pictogram.

Warranty: The warranty period is shown in the pictogram.

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: