Bench scale KERN FCB(SK)





Bench scale with second display on the backside of the scale

Features

- $\bullet \blacksquare Second \ display$ on the rear of the balance
- **PRE-TARE function** for manual subtraction of a known container weight, useful for checking fill-levels
- **High mobility:** Battery operation, compact construction and low weight make this balance ideal for use in several locations (production, warehouse, dispatch department, ...)

Technical data

- Backlit LCD display, digit height 25 mm
- Dimensions of weighing plate
- (stainless steel) WxD 252x228 mm • Overall dimensions
- WxDxH 270x345x106 mm
- Optional battery operation, battery 9 V Block not standard, operating time approx. 12 h
- Net weight approx. 3 kg
- \bullet Permissible ambient temperature 5 °C / 35 °C

Accessories

- **Protective working cover** over keyboard and housing, standard, can be reordered, KERN FCB-A02
- Rechargeable battery pack internal, operating time up to 5 h, charging time approx. 10 h, KERN FCB-A01
- Suitable printers see page 138

STANDARD													OPTION	
		GLP	.	⊿ ^	%	C	^					2 _{YEARS}		DKD
CAL EXT	RS 232	PROTOCOL	PCS	RECIPE	PERCENT	UNIT	MOVE	BATT	230 V	DMS	1 DAY	WARRANTY	ACCU	+3 DAYS
		only with												
		printer												

Model	Weighing range	Readout	Reproduci- bility	Linearity	Min. piece weight	Option DKD Calibr. Certificate		
KERN	[Max] kg	[d] g	g	g	[Counting] g/piece	DKD KERN		
FCB 3K0.1	3	0,1	0,1	± 0,3	0,2	963-127		
FCB 8K0.1	8	0,1	0,1	± 0,3	0,2	963-128		
FCB 6K0.5	6	0,5	0,5	± 1,5	1	963-128		
FCB 12K1	12	1	1	± 3	2	963-128		
FCB 30K1	30	1	1	± 3	2	963-128		
FCB 24K2	24	2	2	± 6	4	963-128		

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.



Memory: Balance contains memories, e.g. for item data, weighing data, tare weights etc. PLU.



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 peripheral devices. High tolerance against electromagnetic disturbance.



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



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



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 also use a universal RS-232/LAN



converter. GLP/ISO record keeping: of weighing data with date, time and identification-no.



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

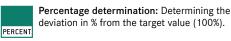


Recipe level A: Separate memory for the weight of the tare container and the recipe ingredients (net total).

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



Recipe level C: Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through displays. Additional convenient functions, such as barcode and back calculation functions.



Weighing units: Can be switched to e.g. non-З metric units at the touch of a key. See balance UNIT model. Please refer to KERN's website for more details.



lower limiting can be programmed individually, e.g. dosing/sorting and portioning. Vibration-free weighing: (Animal weighing

program) Vibrations are filtered out so that a stable weight is obtained.

Weighing with tolerance range: Upper and

Spray and dust protection IPxx: The type of protection is shown by the pictogram. IP For details see the glossary.

Stainless steel: the balance is protected against corrosion. INOX



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



Battery operation: Ready for battery

for each device.



Rechargeable battery pack: rechargeable set.

230 V

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

Power supply: integrated in balance. -C= 230V/50Hz in Germany. More standards 230 V e. g. GB, AUS, USA on request.

Strain gauges: Electrical resistor on an DMS

elastic deforming body.

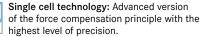


Tuning fork principle: A resonating body is electromagnetically excited, causing it to oscillate.



Electromagnetic force compensation: Coil in a permanent magnet. For the most accurate weighings.

₩<u>∽</u> SC TECH



+3 DAYS

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



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



Package shipment: The time required to manufacture the product internally is shown in days in the pictogram.



Pallet shipment: The time required to manufacture the product internally is shown in days in the pictogram.



Warranty: The warranty period is shown in the pictogram.

Precision is our business

Only with printers from KERN.

piece to weight.

To ensure the high precision of your balance KERN offers you the the appropriate test weight package for your balance, consisting of the test weight, box and DKD certificate, as proof of ist accuracy ... the best pre-requisite for 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, M3 with weights from 1 mg - 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 forcemeasurement in Europe. (DKD = German Calibration Service)

Your KERN specialist dealer:

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 corresponsing test weight or the calibration service ? Your KERN specialist dealer will be pleased to assist you.

operation. The battery type is specified

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