IP protected bench scale FXN · FXN-N



Robust, space-saving bench scale, protected by stainless steel and IP68 rating – now with EC type approval [M]

Features

- Suitable for the ever-increasing hygienic requirements in the food industry
- Your support in a HACCP-compliant quality system
- · Ideal for the robust industrial applications
- · protection against dust and water splashes IP68, ideal for harsh ambient conditions. Submersion in water actually possible
- Stainless steel design of the housing and weighing plate. Its smooth surfaces make it simple to clean
- · Very fast display: steady weight values within 2 s
- · High mobility: thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations (kitchen, sales office, cafeteria, Food industry-Laboratory etc.)

- I Recessed grips on the underside of the scale for easy transportation
- · Weighing with tolerance range (checkweighing): a visual and audible signal helps with portioning, dispensing or grading

Technical data

- Large backlit LCD display, digit height 25 mm
- Dimensions weighing surface, stainless steel, W×D 236×195 mm
- Overall dimensions W×D×H 240×280×120 mm
- · Ready for use: Batteries included, 4×1.5 V Size D, operating time up to 200 h with backlight, AUTO-OFF function to preserve the battery
- Net weight approx. 3,2 kg
- Permissible ambient temperature 0 °C/40 °C

Accessories

- 🛛 Tare pan made of stainless steel, ideal for weighing loose small parts, fruit, vegetables etc., W×D×H 370×240×20 mm, KERN RFS-A02
- Further details, plenty of further accessories and suitable printers see Accessories

| STANDARD | | | | | | | OPTION | | |
|-------------|-----------|------------|---------------------|--|------|-----|--------|--------------------------------|------------------|
| CAL EXT PCS | C UNIT | -√+ TOL | 000 IP 68 | | BATT | DMS | 1 DAY | 2 _{years} warranty | DAkkS +3 DAYS |

| Model | Weighing range | Readout | Reproducibility | Linearity | | Option | |
|-----------------|----------------|-----------------|-----------------|-----------|---|---------------------------|--|
| | | | | | | DAkkS Calibr. Certificate | |
| | [Max] | [d] | | | | DKD | |
| KERN | kg | g | g | g | | KERN | |
| FXN 3K-4N | 3 | 0,5 | 0,5 | ± 1 | | 963-127 | |
| FXN 6K-3N | 6 | 1 | 1 | ± 2 | | 963-128 | |
| FXN 10K-3N | 15 | 2 | 2 | ± 4 | | 963-128 | |
| FXN 30K-3N | 30 | 5 | 5 | ± 10 | | 963-128 | |
| | | | | | | | |
| FXN 3K-3* | 3 | 1 | 1 | ± 2 | 0 | 963-127 | |
| FXN 6K-3* | 6 | 2 | 2 | ± 4 | 0 | 963-128 | |
| FXN 10K-3* | 15 | 5 | 5 | ± 10 | 0 | 963-128 | |
| FXN 30K-2* | 30 | 10 | 10 | ± 20 | 0 | 963-128 | |
| *ONLY WHILE STO | CKSTASTI | Price reduction | | | | | |

ONLY WHILE STOCKS LAST !





KERN Pictograms:



Internal adjusting: Quick setting up of the balance's accuracy with internal adjusting weight (motodriven).



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 2014/31/EU 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 toler ance against electromagnetic disturbance.



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



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

(Ex) to an Ethernet network. With KERN products ATEX 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.



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

Battery operation : Ready for battery BATT for each device

KERN – Precision is our business

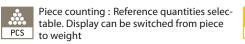
To ensure the high precision of your balance KERN offers you the the appropriate test weight in the international OIML error limit classes E1-M3 from 1 mg - 2500 kg. In combination with a DAkkS calibration certificate the best pre-requisite for proper balance calibration.

The KERN DAkkS calibration laboratory today is one of the most modern and best-equipped DAkkS calibration laboratories for balances, test weights and forcemeasurement 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
- · Volume determination and measuring of magnetic susceptibility (magnetic characteristics) for test weights
- Database supported management of checking equipment and reminder service
- Calibration of force-measuring devices
- DAkkS calibration certificates in the following languages DE, GB, FR, IT, ES, NL, PL
- · Conformity evaluation and reverification of balances and test weights



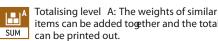
Recipe level A : Separate memory for the weight of the tare container and the recipe RECIPE ingredients (net total).



Recipe level B : Internal memory for complete recipes with name and target value of the recipe 230 V ingredients. User guidance through display.



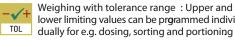
Recipe level C: Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display, multiplier function, adjustment of recipe when dosages are exceeded or barcode recognition.



items can be added together and the total can be printed out.

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

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



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lower limiting values can be prgrammed individually for e.g. dosing, sorting and portioning

Hold function: (Animal weighing program) ^-When the weighing conditions are ustable, MOVE a stable weight is calculated as an average value



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



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.



operation. The battery type is specified

Your KERN specialist dealer:





Rechargeable battery pack :

Rechargeable set

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 230 V e.g. GB, USA or AUS on request.



ACCU

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 <u>آ</u>بوا SC TECH

Advanced version of the force compensation principle with the highest level of precision



Verification possible:

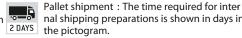
The time required for verification is specified in the pictogram.



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

| 。 | Þ |
|---|-----|
| 1 | DAY |

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



nal shipping preparations is shown in days in the pictogram.



Warranty : The warranty period is shown in the pictogram

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