



KERN FOB-S



KERN FOB

Compact stainless steel bench scales, also with EC type approval [M]

	KERN FOB-S	KERN FOB
Features	<ul style="list-style-type: none"> • Stainless steel design of the housing and weighing plate. Its smooth surfaces make it simple to clean • High mobility: thanks to compact, flat construction, it is suitable for use in several locations (kitchen, sales office, market stall etc.) • Secure and non-slip positioning through rubber feet • Your support in an HACCP-compliant quality system 	
	<ul style="list-style-type: none"> • Ready for use: battery 9 V Block standard, operating time up to 20 h • Particularly flat design 	<ul style="list-style-type: none"> • Increased protection against humidity through waterproof silicone sealing of the load cell, electronics and soldering joints • Only FOB, FOB-L: Net/Gross weight: to control the consumed weighing range at the touch of a key
Technical data	<ul style="list-style-type: none"> • Large LCD display, digit height 20 mm • Weighing plate dimensions, stainless steel WxD A 120x150 mm • Overall dimensions WxDxH 170x150x40 mm • Net weight approx. 0,65 kg • Permissible ambient temperature 10 °C / 40 °C 	<ul style="list-style-type: none"> • Large LCD display, digit height 25 mm • Weighing plate dimensions, stainless steel WxD B 175x160 mm, C 215x215 mm • Overall dimensions WxDxH B 175x235x60 mm, C 220x305x80 mm • Net weight B approx. 1,95 kg, C approx. 3,3 kg, • Permissible ambient temperature KERN FOB: -10 °C / 40 °C; KERN FOB-M: 0 °C / 40 °C
Accessories	<ul style="list-style-type: none"> • Protective working cover over keyboard and housing, standard, can be reordered, KERN FOB-A11 • Mains adapter external, not included, can be reordered, KERN FOB-A09 	<ul style="list-style-type: none"> • Protective working cover over keyboard and housing, standard, can be reordered, for weighing plate size B KERN FOB-A05 , C KERN FOB-A06 • Rechargeable battery pack internal, for weighing plate size B operating time approx. 24 h without backlight, charging time approx. 8 h, KERN FOB-A07 C operating time approx. 30 h without backlight, charging time approx. 14 h, KERN FOB-A08

STANDARD

CAL EXT INOX BATT DMS 1 DAY 2 YEARS WARRANTY DAKKS +3 DAYS

STANDARD

CAL EXT INOX 230 V DMS 1 DAY 2 YEARS WARRANTY

OPTION









































ACCU DAKKS +3 DAYS

FACTORY

M +3 DAYS only FOB-M

Model	Weighing range [Max] kg	Readout [d] g	Verific. value [e] g	Minimum load [Min] g	Weighing plate	Options				
						Verification		DAkKS Calibr. Certificate		
KERN						M	KERN	DAkKS KERN		
FOB 500-1S	0,5	0,1	-	-	A	-	-	963-127		
FOB 5K1S	5	1	-	-	A	-	-	963-127		
FOB 1.5K0.5	1,5	0,5	-	-	B	-	-	963-127		
FOB 3K1	3	1	-	-	B	-	-	963-127		
FOB 6K2	6	2	-	-	B	-	-	963-128		
FOB 15K1L	15	1	-	-	C	-	-	963-128		
FOB 30K2L	30	2	-	-	C	-	-	963-128		
Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.										
FOB 1K1M	1	1	1	20	B	965-227		963-127		

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