

Stainless steel platform scales KERN SFB · SFB-H



1 KERN SFB



3 KERN SFB-H

Stainless steel platform scales with IP65 protection, also with XL platform or EC type approval [M]

Features

- **Ideal for robust industrial application**
- **Scale entirely out of stainless steel**
- **1 Load cell stainless steel**, silicone-coated, IP67
- **2 Display device: IP65** (only when using rechargeable battery pack)
- **3** only SFB-H: **Stand** to elevate display device, standard, for models with weighing plate size 300x240 mm: height of stand approx. 200 mm 400x300 mm: height of stand approx. 400 mm, **1**, enlarged picture

- Your support in an **HACCP**-compliant quality system

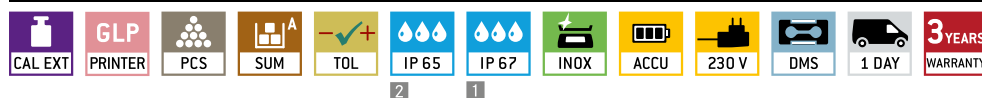
Technical data

- Large backlit LCD display, digit height 52 mm
- Dimensions of display device WxDxH 266x165x96 mm
- Cable length of display device approx. 2 m
- Rechargeable battery pack internal, standard, operating time up to 35 h without backlight, charging time approx. 12 h
- Permissible ambient temperature SFB: 0 °C / 40 °C, SFB-M: -10 °C / 40 °C

Accessories

- **Data interface RS-232**, interface cable included, approx. 1.5 m, must be ordered at purchase, KERN KFN-A01
- Only SFB: **Stand** to elevate display device, to be screwed onto the platform, height of stand approx. 600 mm, KERN SFB-A01
- **Suitable printers** an extensive accessories range, see page 157 ff.

STANDARD



OPTION



FACTORY











































Model	Weighing range [Max] kg	Readout [d] g	Verification value [e] g	Minimum load [Min] g	Net weight approx. kg	Weighing plate WxD mm	Options			
							Verification		DAkkS Calibr. Certificate	
KERN							M KERN		DAkkS KERN	
SFB 50K-3XL	50	5	-	-	15	500x400	-		963-128	
SFB 100K-2L	100	10	-	-	15	500x400	-		963-129	
SFB 100K-2XL	100	10	-	-	24,5	650x500	-		963-129	
SFB 200K-2XL	200	20	-	-	24,5	650x500	-		963-129	
with elevated display										
SFB 10K1HIP	10	1	-	-	9	300x240	-		963-128	
SFB 20K2HIP	20	2	-	-	9	300x240	-		963-128	
SFB 50K5HIP	50	5	-	-	9	300x240	-		963-128	
SFB 50K5LHIP	50	5	-	-	14	400x300	-		963-128	
SFB 100K10HIP	100	10	-	-	14	400x300	-		963-129	
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.										
SFB 60K-2XLM	60	20	20	400	15	500x400	965-229		963-129	
SFB 100K-2LM	150	50	50	1000	15	500x400	965-229		963-129	
SFB 100K-2XLM	150	50	50	1000	24,5	650x500	965-229		963-129	
SFB 300K-1LM	300	100	100	2000	24,5	650x500	965-229		963-129	
with elevated display										
SFB 15K5HIPM	15	5	5	100	9	300x240	965-228		963-128	
SFB 30K10HIPM	30	10	10	200	9	300x240	965-228		963-128	
SFB 60K20HIPM	60	20	20	400	9	300x240	965-229		963-129	
SFB 60K20LHIPM	60	20	20	400	14	400x300	965-229		963-129	
SFB 120K50HIPM*	120	50	50	1000	14	400x300	965-229		963-129	
SFB 100K-2HM	150	50	50	1000	14	400x300	965-229		963-129	

1 * ONLY WHILE STOCKS LAST

Price reduction

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.	 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 A: The weights of similar items can be added together and the total can be printed out.	 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.	 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.	 Strain gauges: Electrical resistor on an elastic deforming body.
 Bluetooth data interface: To transfer data from the balance to a printer, PC or other peripherals.	 Tuning fork principle: A resonating body is electromagnetically excited, causing it to oscillate.	
 WLAN 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.
 Control outputs (optocoupler, digital I/O): To connect relays, signal lamps, valves, etc.	 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.
 Interface for second balance: For direct connection of a second balance.	 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.
 Network interface: For connecting the scale to an Ethernet network. With KERN products you can use a universal RS-232/LAN converter.	 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.
 GLP/ISO log: The balance displays the weight, date and time, regardless of a printer connection.	 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: With weight, date and time. Only with KERN printers, see "Accessories"	 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.
 Piece counting: Reference quantities selectable. Display can be switched from piece to weight.	 Stainless steel: The balance is protected against corrosion.	 Warranty: The warranty period is shown in the pictogram.

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