

Floor scales KERN BXS · BAN · BBN

... and that is not all: here is a small selection from the wide range of combination options for KERN floor scales



NEW



NEW



NEW

KERN BXS

IP67 floor scale with IP68 stainless steel display device and EC type approval [M], detachable weighing plate

For all details and the full range of accessories, please see the internet, go to back page of catalog

STANDARD



OPTION



FACTORY



KERN BAN

Stainless steel floor scale with IP68 protection against dust and water splashes, extra large platform and EC type approval [M]

For all details and the full range of accessories, please see the internet, go to back page of catalog

STANDARD



OPTION



FACTORY

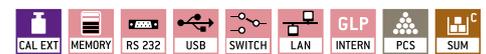


KERN BBN

State-of-the-art premium touchscreen stainless steel floor scale with the complete range of functions for demanding processes

For all details and the full range of accessories, please see the internet, go to back page of catalog

STANDARD



OPTION



FACTORY



Model	Weighing range [Max] kg	Readout [d] g	Verific. value [e] g	Minimum load [Min] g	Net weight approx. kg	Dimensions of weighing plate WxDxH mm	Options			
							Verification		DAkkS Calibr. Certificate	
KERN							M III KERN		DAkkS KERN	
Complete device consisting of the KERN KXS-TM and weighing bridge KERN KXP V20 IP67, for further information, see p. 136, 138										
BXS 600K-1SM	600	200	200	4000	105	1000x1000x80		965-230		963-130
BXS 600K-1M	600	200	200	4000	135	1500x1250x80		965-230		963-130
BXS 1.5T-4SM	1500	500	500	20000	105	1000x1000x80		965-230		963-130
BXS 1.5T-4M	1500	500	500	20000	135	1500x1250x80		965-230		963-130
BXS 3T-3M	3000	1000	1000	20000	135	1500x1250x80		965-232		963-132
Complete device consisting of the KERN KXS-TM and weighing bridge KERN KFP V40 IP68, for further information, see p. 136, 141										
BAN 600K-1SM	600	200	200	20000	85	1000x1000x80		965-230		963-130
BAN 1T-4SM	1500	500	500	20000	85	1000x1000x80		965-230		963-130
BAN 1T-4M	1500	500	500	20000	135	1500x1250x80		965-230		963-130
BAN 3T-3M	3000	1000	1000	20000	135	1500x1250x80		965-232		963-132
Complete device consisting of the KERN KEN-TM and weighing bridge KERN KFP V40 IP68, for further information, see p. 137, 141										
BBN 600K-1SM	600	200	200	4000	85	1000x1000x80		965-230		963-130
BBN 1T-4SM	1500	500	500	10000	85	1000x1000x80		965-230		963-130
BBN 1T-4M	1500	500	500	10000	135	1500x1250x80		965-230		963-130
BBN 3T-3M	3000	1000	1000	20000	135	1500x1250x80		965-232		963-132

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