PROFESSIONAL MEASURING
SINCE 1844

KERN

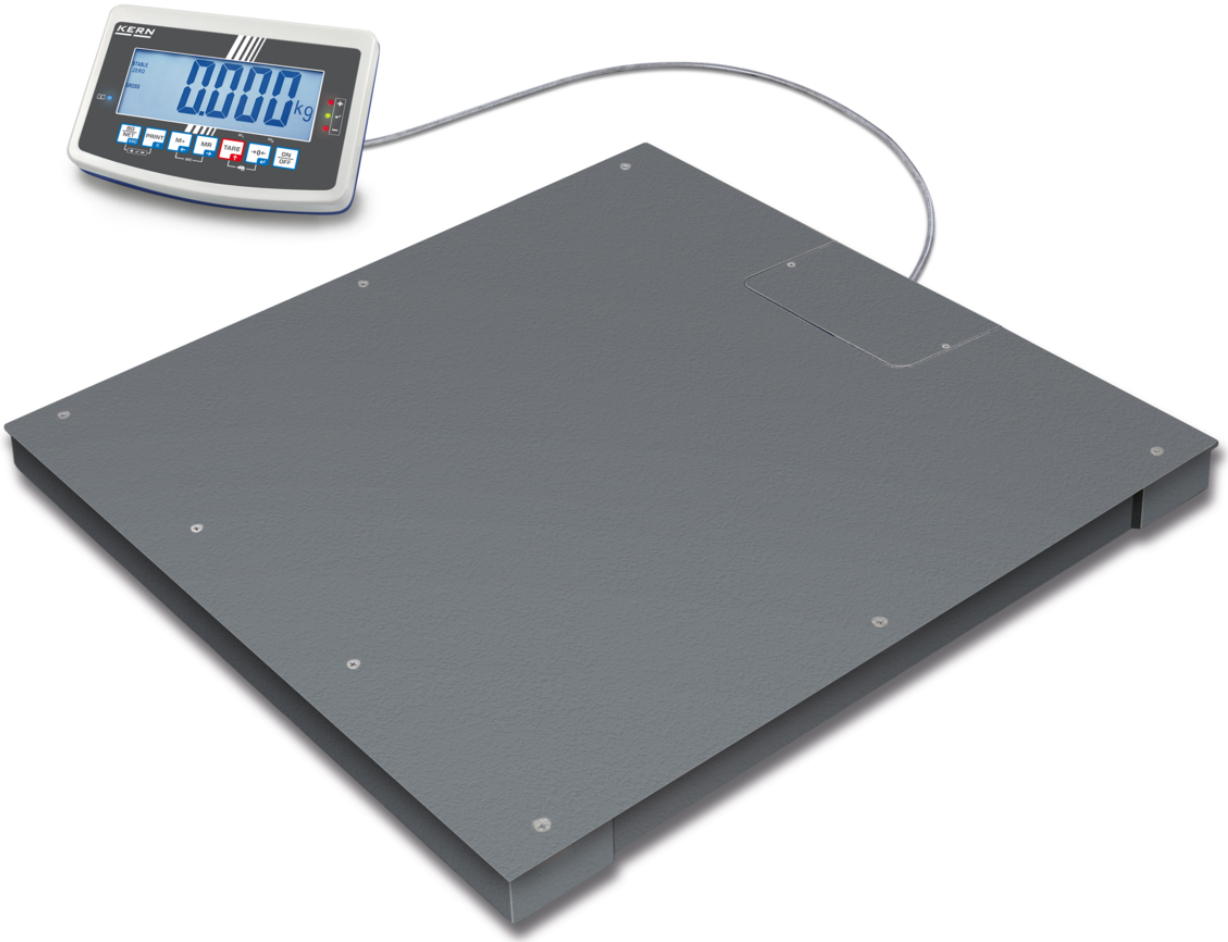
Product brochure

30.10.2026

KERN BFB 600K-1NM

Weighing bridge with screwed-on weighing plate (IP67) and XXL display device, verification optional

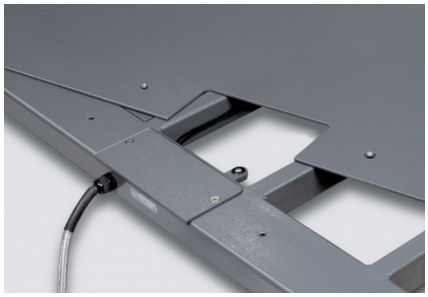
ENGLISH

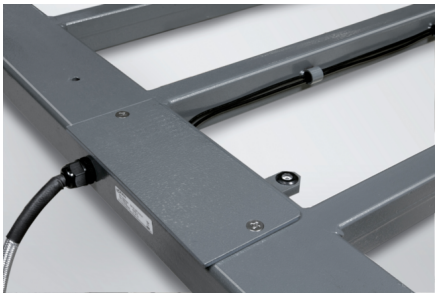


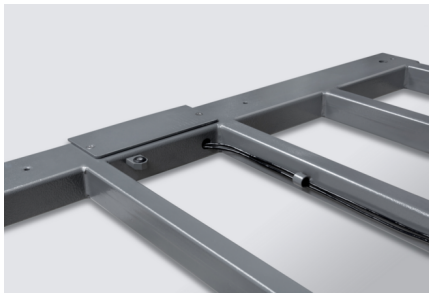
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APPLICATION EXAMPLE





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FEATURES

- Weighing plate : smooth surface, screwed on from the top, so it easy to remove, hygienic and easy to clean
- 4 silicone-coated steel load cells, IP67 dust and spray protection
- Display device: for details see KERN KFB-TM
- Benchtop stand incl. wall mount for display device as standard
- Totalising of weights and piece counts
- Protective working cover included with delivery

TECHNICAL DATA

- Large backlit LCD display, digit height 52 mm
- Weighing platform dimensions W×D×H 1500×1250×85 mm, steel, lacquered
- Dimensions of display device W×D×H 250×160×58 mm
- Cable length of display device approx. 5 m
- Permissible ambient temperature -10 °C/40 °C

MAIN SCOPE OF APPLICATIONS

- Logistics and dispatch
- Industrial applications
- Scrap and recycling industry
- Agriculture

PLEASE NOTE FOR YOUR ORDER

- For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order, the initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification

PICTOGRAMS

Standard



Option



Factory



MODEL OVERVIEW

Model	Weighing capacity [Max]	Readability [d]	Verification value [e]	Minimal load [Min]	Cable length	Dimensions weighing surface	Net weight approx.
BFB 600K-1NM	600 kg	0,2 kg	0,2 kg	4 kg	5 m	1500×1250 mm	140 kg

ACCESSORIES

Model	Description
AFH 13	Converter RS232 to USB AFH 13
BFB-A03	Cable BFB-A03, Cable length approx. 15 m
BFS-A02N	Access ramp BFS-A02N (1250×740×90 mm)
BFS-A04N	Pit frame BFS-A04N
BFS-A06N	Pair of base plates BFS-A06N
BFS-A07	Tripod BFS-A07, Height of stand approx. 1040 mm
CFS-A01	RS232 interface cable CFS-A01
CFS-A03	Signal lamp KERN CFS-A03
CFS-A04	RS-232 Y-interface cable CFS-A04
KFB-A01	Rechargeable battery pack KFB-A01 (Pb, 6 V, 1.2 Ah)
KFB-A02	Protective working cover KFB-A02
KFB-A02S05	Protective working cover KFB-A02S05, scope of delivery: 5 items
KFB-A03	Bluetooth-Set KFB-A03
KFB-A04	Analog Module KFB-A04 (0 – 10 V)
KFB-A05	Analog Module KFB-A05 (4 – 20 mA)

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Model	Description
PFB-A02	Power adapter PFB-A02 (12 V, 500 mA | 100 V - 240 V, 50 / 60 Hz | EURO, CH)
PFB-A03	Power adapter PFB-A03 (12 V, 500 mA | 100 V - 240 V, 50 / 60 Hz | UK)
PFB-A04	Power adapter PFB-A04 (12 V, 500 mA | 100 V - 240 V | US)
YGR-01	ESD grounding plug incl. grounding cable YGR-01
YKA-11	Power adapter YKA-11 (12 V, 500 mA | 100 - 240 V~ 50/60 Hz 190 mA | EURO, AUS, UK, US, CH)
YKC-01	Thermal printer YKC-01
YKD-A02	Large display YKD-A02
YKP-02	Column YKP-02, Height of stand 750-1000 mm

SOFTWARE

Model	Description
SCD-4.0-DL	Software SCD-4.0-DL (Scope of supplies: Download link for 1 license)
SCD-4.0-DLS05	Software SCD-4.0-DLS05 (Scope of supplies: Download link for 5 licenses)
SCD-4.0-PRO-DL	Software SCD-4.0-PRO-DL (Scope of supplies: Download link for 1 license)
SCD-4.0-PRO-DL-AS05	Software SCD-4.0-PRO-DL-AS05 (Scope of supplies: Download link for 5 licenses)

SERVICES

Model	Description
961-250	Adjustment at the location of installation 961-250 (Not in combination with verification)
963-130	DAkkS calibration certificate 963-130
965-230	Verification / Conformity assessment according to NAWI (2014/31/EU) 965-230
969-517	Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate)969-517
970-108	Warranty extension (+2 years) 970-108

KERN Pictogram Overview

	External adjustment: Adjusting accuracy using external adjustment weight
	Data interface RS-232: For connection to printers, PCs or other peripheral devices for data transfer over longer distances. Network in bus topology possible
	KERN Communication Protocol (KCP): a standardized interface command set for KERN balances and other instruments, which allows retrieving and controlling all relevant parameters and functions of the device. KERN devices featuring KCP are thus easily integrated with computers, industrial controllers and other digital systems
	Piece counting: Reference quantities selectable. Display can be switched from piece to weight
	Sum function: The weight values of weighed items can be added together and the total printed out
	Measuring with tolerance range (checkweighing): Upper and lower limit values can be programmed, e.g. for sorting, portioning or for measuring coatings or material thicknesses. The process is supported by an acoustic and/or optical signal
	Hold function: When the weighing conditions are unstable, a stable weight is calculated as an average value
	Load Cell: Protection against dust and water splashes IP67
	Junction Box: Protection against dust and water splashes IP67
	Universal plug-in power supply: With universal input and optional input socket adapters for EU, CH, GB or EU, CH, GB, US or EU, CH, GB, US, AUS
	Weighing principle Strain gauges: Electrical resistor on an elastic deforming body
	Pallet shipment: The duration of internal product provision are three days
	Accredited calibration (DKD): The duration of the accredited calibration is 3 working days
	Data interface Bluetooth: For connection to printers, PCs or other peripheral devices
	Analogue interface: to connect a suitable peripheral device for analogue processing of the measurements
	Rechargeable battery pack: Rechargeable set
	Conformity assessment: The duration of the conformity assessment is 3 working days

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