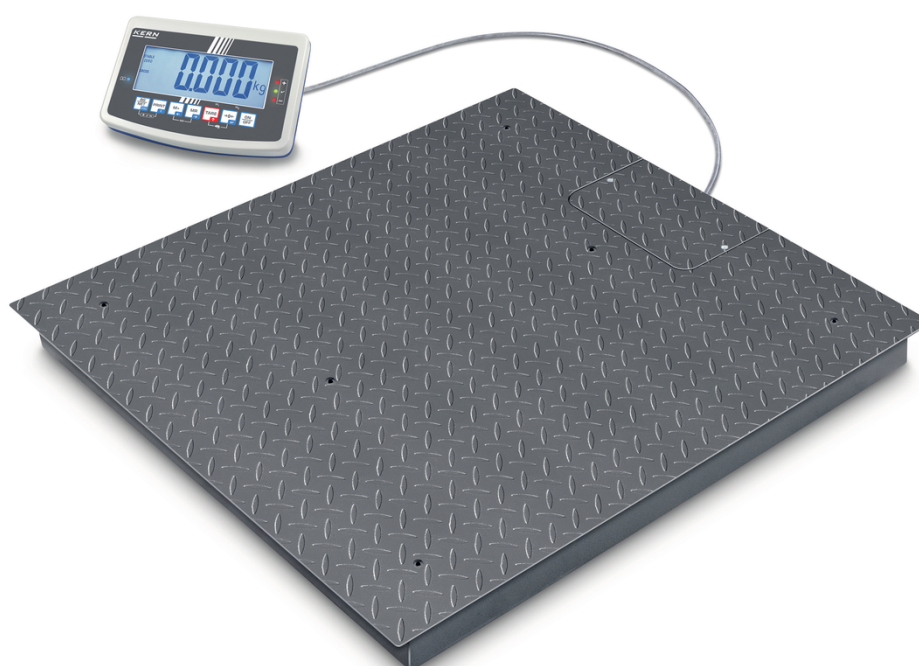


PRODUCT BROCHURE

KERN BFB 6T-3M

Date: 29.04.2025

ENGLISH



Weighing bridge with steel chequer plate weighing plate and XXL display device, verification optional

CONTACT

KERN & SOHN GmbH
Ziegelei 1
72336 Balingen
Germany

Phone : +49 7433 9933-0
Fax : +49 7433 9933-149
Email : info@kern-sohn.com
Web : www.kern-sohn.com



Scan here for more
information

DESCRIPTION

- Weighing plate welded, steel chequer plate
- 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

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	BFB 6T-3M
Model-Serie	BFB
Assortment	KERN
Product Type	Industrial balance
Product group	Platform scales
Product usage type	Main article
EAN code (Model)	4045761197336
Predecessor Model	BFB 6T-3M-2018a
Successor Model	BFC 6T-3M
Customs tariff number	84238920
CE Label	yes

Technical data - Primary

Weighing capacity	6000 kg
Readability	2 kg
Net weight	230 kg
Platform size	1500×1500 mm
Indicator cable length	5 m

Dimension weighing platform (W×D×H) 1500×1500×130 mm

Technical data - Construction

Dimensions display casing (W×D×H)	250×160×58 mm
Material weighing plate	steel, lacquered
Material Platform construction	steel, powder-coated
Bubble Level	yes
Revolving screw feet	yes
Dimensions of weighing plate (W×D)	1500×1500 mm
Wall mount	yes
IP protection indicator	IP34
IP protection load cell	IP67

Technical data - Display

Display height	52 mm
Backlight	yes

Technical data - Power supply

Battery	no battery
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Mains adapter/adapter included	EURO;UK;US
Charging time	10 h
Input Voltage	100 V - 240 V, 50 / 60 Hz
Operating time (Backlight off)	35 h
Rechargeable battery	Rchrg. battery optional (factory)

Technical data - Measuring system

Calibration method	Adjusting with external weight
Linearity	± 2 kg
Recommended adjusting weight	6000 kg (M2)
Repeatability	2 kg
Resolution	3.000
Stabilisation time under laboratory conditions	2 s
Tare range	-6000 kg
Warm up time	10 min
Weighing system	Strain gauge
Weighing units	kg
load cell connection	4-guide

Technical data - Environmental conditions

Maximum humidity	80 %
Maximum operating temperature	40 °C
Minimum ambient temperature	-10 °C
Minimum humidity	0 %

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	1550×1550×350 mm
Gross weight	280 kg
Net weight	230 kg
Shipping method	Freight
Packaging component - by weight - paper	100 g
Packaging component - by weight - cardboard	200 g
Packaging component - by weight - styrofoam	0 g
Packaging component - by weight - glass	0 g
Packaging component - by weight - wood	9.8 kg
Packaging component - by weight - foam	0 g
Packaging component - by weight - metal	0 g
Delivery time	2 d

Technical data - Verification

Verification value (e)	2 kg
Minimum load (Min)	40 kg
Verification by KERN possible	yes
Verification class	III

Optional Services

DAkkS Calibration	963-132
Verification	965-232

FUNCTIONS

Standard

 CAL EXT

 RS 232

 KCP
PROTOCOL

 GLP
PRINTER

 PCS

 SUM

 TOL

 MOVE

 LC
IP 67

 JB
IP 67

 B
MULTI

 DMS

 2 DAYS

Option

 DAKKS
+3 DAYS

Factory

 BT 2.0

 D/A
ANALOG

 ACCU

 M
+3 DAYS

ACCESSORIES

Model	Description
BFS-A07	Stand KERN BFS-A07
KFB-A01	Internal Rechargeable Battery Pack KERN KFB-A01
KFB-A02	Protective Working Cover KERN KFB-A02
911-013	Matrix needle printer KERN 911-013
PFB-A03	Power supply KERN PFB-A03
PFB-A02	Power supply KERN PFB-A02
PFB-A04	Power supply KERN PFB-A04
CFS-A03	Signal lamp KERN CFS-A03
CFS-A04	Data Interface KERN CFS-A04
YKN-01	Matrix needle printer KERN YKN-01
BFS-A10	Pair of base plates KERN BFS-A10
BFS-A11	Ramp KERN BFS-A11
BFB-A03	Cable KERN BFB-A03
YKI-02	RS-232 / Bluetooth adapter KERN YKI-02
YKA-11	Power supply KERN YKA-11
KFB-A02S05	Protective Working Cover KERN KFB-A02S05

Model	Description
KFB-A04	Analogue Module KERN KFB-A04
KFB-A05	Analogue Module KERN KFB-A05
YKD-A02	Large display KERN YKD-A02
AFH 13	Converter KERN AFH 13
CFS-A01	Interface cable CFS-A01
YKC-01	Thermal printer KERN YKC-01

SERVICES

Model	Description
965-232	Verification / Conformity assessment according to NAWI (2014/31/EU) KERN 965-232
963-132	DAkkS Calibration KERN 963-132
961-252	Adjustment at the location of installation 961-252
969-517	Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate) 969-517
970-111	Warranty extension KERN (+2 years) 970-111

SPARE PARTS

Model	Description
KFB-A01	Internal Rechargeable Battery Pack KERN KFB-A01
PFB-A03	Power supply KERN PFB-A03
PFB-A02	Power supply KERN PFB-A02
PFB-A04	Power supply KERN PFB-A04
RKFS-5001	Power socket KERN RKFS-5001
KFP 6000V20M	Weighing Bridges KERN KFP 6000V20M
RKFB-3001	LCD Display RKFB-3001
YKA-11	Power supply KERN YKA-11
RKFPV20-8002	Level bubble RKFPV20-8002
RKFP-5003	Cable RKFP-5003
RKFPV20-8010	Adjustable base foot RKFPV20-8010
RKFP-1008	Load cell KERN RKFP-1008
RKFP-2001	RKFP-2001
RKFB-TAM-4001	Keyboard overlay KERN RKFB-TAM-4001

Model	Description
RKFB-TAM-8001	Display protective plate RKFB-TAM-8001
RKFB-TAM-2001	Main PCB RKFB-TAM-2001

RELATED ARTICLES DATA

Model name	Weighing capacity	Readability	Net weight	Platform size	Indicator cable length	Dimension weighing platform (W×D×H)
BFB 3T-3NM	3000 kg	1 kg	140 kg	1500×1250 mm	5 m	1500×1250×85 mm
BFB 600K-1SNM	600 kg	0.2 kg	105 kg	1000×1000 mm	5 m	1000×1000×85 mm
BFB 600K-1NM	600 kg	0.2 kg	140 kg	1500×1250 mm	5 m	1500×1250×85 mm
BFB 6T-3M	6000 kg	2 kg	230 kg	1500×1500 mm	5 m	1500×1500×130 mm