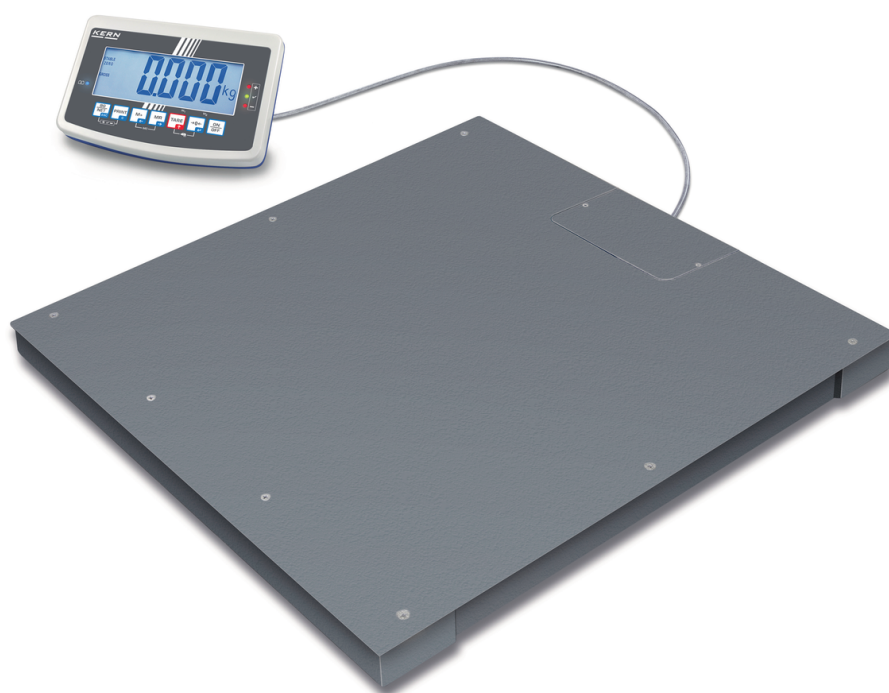


PRODUCT BROCHURE

KERN BFB 3T-3NM

Date: 29.04.2025

ENGLISH



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

CONTACT

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PRODUCT SHOWCASE



ENGLISH

DESCRIPTION

- 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

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	BFB 3T-3NM
Model-Serie	BFB

Assortment	KERN
Product Type	Industrial balance
Product group	Platform scales
Product usage type	Main article

EAN code (Model)	4045761194267
Predecessor Model	BFB 3T-3NM-2017a
Successor Model	BFC 3T-3M
Customs tariff number	84238220
CE Label	yes

Technical data - Primary

Weighing capacity	3000 kg
Readability	1 kg
Net weight	140 kg
Platform size	1500×1250 mm
Indicator cable length	5 m
Dimension weighing platform (W×D×H)	1500×1250×85 mm

Technical data - Construction

Dimensions display casing (W×D×H)	252×162×62 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)	1500×1250 mm
Wall mount	yes
IP protection indicator	no IP protection
IP protection load cell	IP67

Technical data - Display

Display height	52 mm
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Backlight	yes
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Technical data - Power supply

Battery	no battery
Mains adapter/adaptor included	CH;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	3000 kg (M2)
Repeatability	1 kg
Resolution	3.000
Stabilisation time under laboratory conditions	2 s
Tare range	-3000 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 %
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Maximum operating temperature 40 °C

Minimum ambient temperature -10 °C

Minimum humidity 0 %

Technical data - Packing & Shipping

Dimensions packaging (W×D×H) 1610×1320×330 mm

Gross weight 195 kg

Net weight 140 kg

Shipping method Freight

Packaging component - by weight - paper 100 g

Packaging component - by weight - cardboard 1.2 kg

Packaging component - by weight - styrofoam 0 g

Packaging component - by weight - glass 0 g

Packaging component - by weight - wood 58.8 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) 1 kg

Minimum load (Min) 20 kg

Verification by KERN possible yes

Verification class III

Optional Services

DAkkS Calibration 963-132

Verification 965-232

FUNCTIONS

Standard



Option



Factory



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
YKI-01	RS-232 / Ethernet adapter KERN YKI-01
YKN-01	Matrix needle printer KERN YKN-01
BFB-A03	Cable KERN BFB-A03
YKI-02	RS-232 / Bluetooth adapter KERN YKI-02
YKA-11	Power supply KERN YKA-11
BFS-A02N	Ramp KERN BFS-A02N
BFS-A04N	Pit frame KERN BFS-A04N
BFS-A06N	Pair of base plates KERN BFS-A06N
KFB-A02S05	Protective Working Cover KERN KFB-A02S05
YKP-02	Stand KERN YKP-02
KFB-A04	Analogue Module KERN KFB-A04
KFB-A03	Bluetooth Set KERN KFB-A03
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

Model	Description
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
970-109	Warranty extension KERN (+2 years) 970-109

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
RKFPV20-9003	Washer KERN RKFPV20-9003
RKFB-3001	LCD Display RKFB-3001
YKA-11	Power supply KERN YKA-11
KFP 3000V20NM	Weighing Bridges KERN KFP 3000V20NM
RKFPV20-8002	Level bubble RKFPV20-8002
RKFP-5003	Cable RKFP-5003
RKFP-1007	Load cell KERN RKFP-1007
RKFP-2001	RKFP-2001
RKFP-8005	Adjustable base foot RKFP-8005
RKFB-TAM-4001	Keyboard overlay KERN RKFB-TAM-4001
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

Model name	Weighing capacity	Readability	Net weight	Platform size	Indicator cable length	Dimension weighing platform (W×D×H)
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