

KERN BFB 3T1LM

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



Display backlight	✓
Display screen size	165×64 mm
Display segments	5 + 1/2
Display digit height	52 mm
Languages of the user interface	Symbol language

Construction

Dimension display device (W×D×H)	250×160×58 mm
Dimensions weighing surface (W×D)	1500×1500 mm
Dimensions weighing surface	1500×1500 mm
Dimensions weighing platform (W×D×H)	1500×1500×85 mm
Material weighing plate	steel, lacquered
Material platform	steel, powder-coated
Material display housing	Plastics
Material load cell(s)	alloyed steel
Level indicator	✓
Levelling feet adjustable	✓
Stand inclinable	✓
Cable length	5 m
Display device cable length	5 m
Allowed cable length display device [Max]	30 m
Platform Construction	Screwed load plate; smooth surface
Load cells - number	4

Functions

Sum memory function	✓
Recipe/summing level	Sum A
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Underfloor weighing	None
Function for averaging under unstable weighing conditions	✓
Counting function	✓
Reference quantity	10, 20, 50, 100, 200
IP protection - complete device	IP67 (load cell)
IP protection - display	no IP protection
IP protection - load cell	IP67
Tare function	manual (single & multi)
Number of keys for operation	7

Interface

Interfaces	RS-232 standard Bluetooth BTC (v2.0)
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Category

Brand	KERN
Product category	Industrial scale
Product group	Floor scale
Product family	BFB

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Number of weighing ranges	1
Weighing capacity [Max]	3000 kg
Readability [d]	1 kg
Reproducibility	1 kg
Linearity	± 2 kg
Minimum weight [Min]	20 kg
Resolution	3.000
Tare range	-3000 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	3000 kg (M2)
Stabilization time	2 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	2 kg
Default unit	kg
Units	kg
Units (if device is conformity assessed)	kg
Loadcell type	ZEMIC H8C 1.5 ton
Load cell connection	4-wire

Display

Display type	LCD
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	(optional, factory) analogue (0 - 10 V)
	(optional, factory) analogue (4 - 20 mA)
	(optional, factory)
EasyTouch (ET) - Connection type	RS232 (+optionale Schnittstellen)

Power Supply

Supplied power supply	Power supply unit
Plug-in power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the delivery	EURO
	UK
	US
	CH
Plug-in power supply / adapter for countries - optional	EURO
	AUS
	UK
	US
	CH
Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	12 V, 500 mA
Battery / accumulator type	Pb
Battery	no battery
Rechargeable battery	6 V, 1.2 Ah
Rechargeable battery operating time - backlight on	8 h
Rechargeable battery operating time - backlight off	35 h
Rechargeable battery charging time	10 h
Rechargeable battery optional	Rchrg. battery optional (factory)

Environmental conditions

Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Humidity of environment [Min]	0 %
Humidity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Approval

CE mark	✓
Conformity assessment possible ex works	✓
Accuracy classe	III
Verification scale interval [e]	1 kg

Services (optional)

Article number for adjustment at the location of installation	961-252
Article number for conformity assessment	965-232
Article number for DAkkS calibration	963-132
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	2 d
Dimensions packaging (W×D×H)	1500×1500×330 mm
Shipping method	Freight
Net weight approx.	155 kg
Gross weight approx.	235 kg
Shipping weight	235 kg

Pictograms

STANDARD



OPTION



FACTORY

