

KERN BFN 3T-3M

Stainless steel weighing bridge with screwed-on weighing plate (IP68) and stainless steel display device (IP65), verification optional



Display type	LCD with backlight
Display backlight	✓
Display screen size	165×64 mm
Display digit height	52 mm
Languages of the user interface	Symbol language

Construction

Dimension display device (W×D×H)	266×165×96 mm
Dimensions weighing surface (W×D)	1500×1250 mm
Dimensions weighing surface	1500×1250 mm
Dimensions weighing platform (W×D×H)	1500×1250×85 mm
Material weighing plate	stainless steel
Material platform	stainless steel (SUS304)
Material display housing	stainless steel
Material load cell(s)	Stainless steels
Level indicator	✓
Levelling feet adjustable	✓
Stand inclinable	✓
Wall mount	✓
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 - display	IP65
IP protection - platform	IP67
IP protection - load cell	IP68
Tare function	manual (multi)
Number of keys for operation	7

Category

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

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	± 1,5 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	8 min
Eccentric loading at 1/3 [Max]	2,5 kg
Default unit	kg
Units	kg
Units (if device is conformity assessed)	kg
Loadcell type	ZEMIC BM8H 1.5 ton
Load cell connection	4-wire

Display

Display type	LCD
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Interface

Interfaces	RS-232 (optional, factory) Bluetooth BTC (v2.0) (optional, factory) analogue (0 - 10 V) (optional, factory) analogue (4 - 20 mA) (optional, factory)
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Power Supply

Supplied power supply	Accu & Power supply
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
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Input voltage power supply / power [Max]	110 V - 230 V AC
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Input voltage device / power [Max]	12 V, 500 mA
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Battery / accumulator type	Pb
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Battery	no battery
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Battery connection	Plug-in terminals
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Rechargeable battery	6 V, 4 Ah
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Rechargeable battery operating time - backlight on	20 h
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Rechargeable battery operating time - backlight off	35 h
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Rechargeable battery charging time	12 h
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Environmental conditions

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

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

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

Delivery time	2 d
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Dimensions packaging (W×D×H)	1270×1510×345 mm
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Shipping method	Freight
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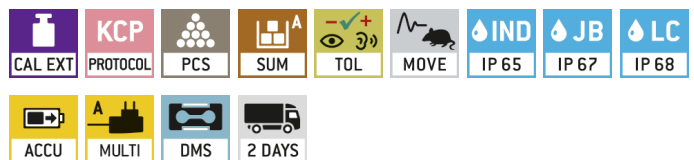
Net weight approx.	150 kg
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Gross weight approx.	190 kg
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Shipping weight	189 kg
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Pictograms

STANDARD



OPTION



FACTORY

