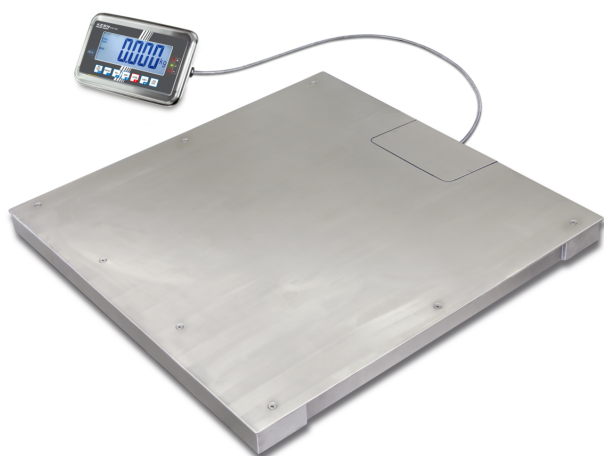


KERN BFN 3T-3M

KERN

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



Category

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

Measuring System

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
Load cell connection	4-wire
Units (if device is conformity assessed)	kg
Construction type of the scale	Single-range balance
Units	kg
Default unit	kg
Loadcell type	ZEMIC BM8H 1.5 ton

Display

Display type	LCD
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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 steel
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

KERN BFN 3T-3M



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

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
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
Power supply - Cable length	180 cm
Input voltage power supply / power [Max]	110 V - 230 V AC
Power supply cable removable	removable
Input voltage device / power [Max]	12 V, 500 mA
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 9,5 mm
Battery / accumulator type	Pb
Battery	no battery
Battery connection	Plug-in terminals
Rechargeable battery	6 V, 4 Ah
Rechargeable battery operating time - backlight on	20 h
Rechargeable battery operating time - backlight off	35 h
Rechargeable battery charging time	12 h
Battery/Accu connected	fixed electrical connection, not insulated

Environmental conditions

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

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

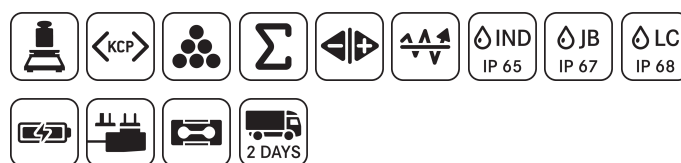
Delivery time	2 d
Dimensions packaging (W×D×H)	1270×1510×345 mm
Shipping method	Freight
Net weight approx.	150 kg
Gross weight approx.	190 kg
Shipping weight	189 kg

Product information

GTIN/EAN number	4045761194342
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

