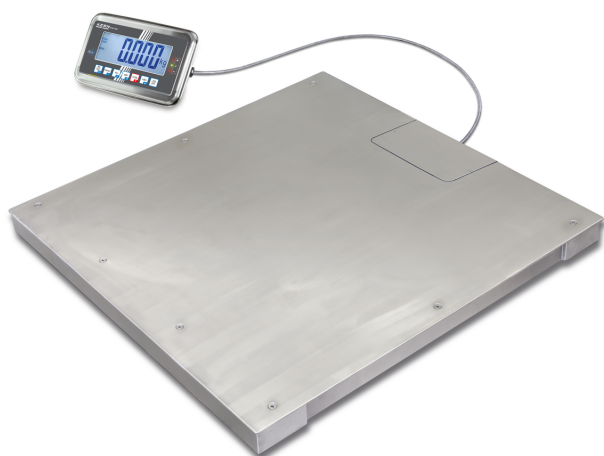


KERN BFN 3T-3M

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



Pattern approval for conformity assessment	✓
Accuracy classe	III
Verification scale interval [e]	1 kg
Conformity assessment possible ex works	✓

Display

Display type	LCD
Display type	LCD with backlight
Display screen size	165×64 mm
Display backlight	✓
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 platform (W×D×H)	1500×1250×85 mm
Material display housing	stainless steel
Material weighing plate	stainless steel
Material platform	stainless steel (SUS304)
Dimensions weighing surface (W×D)	1500×1250 mm
Cable length	5 m
Display device cable length	5 m
Allowed cable length display device [Max]	30 m
Material load cell(s)	Stainless steels
Load cells - number	4
Levelling feet adjustable	✓
Wall mount	✓
Stand inclinable	✓

Functions

Number of keys for operation	7
Tare function	manual (multi)
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Function for averaging under unstable weighing conditions	✓
Recipe/summing level	Sum A
Sum memory function	✓
Underfloor weighing	None
Interfaces	RS-232 (optional, factory)

Category

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

Measuring System

Construction type of the scale	Single-range balance
Number of weighing ranges	1
Weighing system	Strain gauge
Weighing capacity [Max]	3000 kg
Readability [d]	1 kg
Resolution	3.000
Linearity	± 1,5 kg
Reproducibility	1 kg
Tare range	-3000 kg
Default unit	kg
Units	kg
Units (if device is conformity assessed)	kg
Minimum weight [Min]	20 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
Loadcell type	ZEMIC BM8H 1.5 ton
Load cell connection	4-wire

Approval

CE mark	✓
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KERN BFN 3T-3M



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

	Bluetooth BTC (v2.0) (optional, factory) analogue (0 - 10 V) (optional, factory) analogue (4 - 20 mA) (optional, factory)
IP protection - display	IP65
IP protection - load cell	IP68
IP protection - platform	IP67

Counting

Reference quantity	10, 20, 50, 100, 200
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Power Supply

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

Environmental conditions

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

Packing & Shipping

Readability force [d] (N)	2 d
Dimensions packaging (W×D×H)	1270×1510×345 mm
Net weight	148 kg
Shipping method	Freight

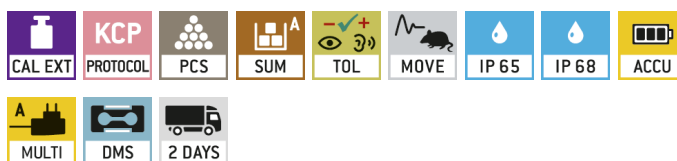
Net weight approx.	150 kg
Gross weight approx.	190 kg
Shipping weight	189 kg

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 (verification)	969-517

Pictograms

STANDARD



OPTION



FACTORY

