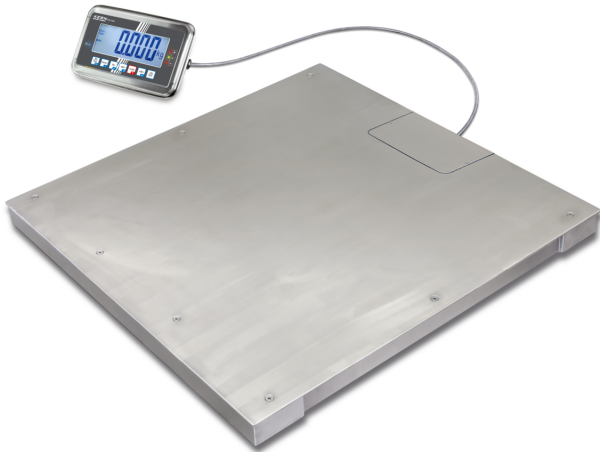


# KERN BFN 3T-3M

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



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
Material substructure	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

## 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] (verifiable)	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
Eccentric loading at 1/3 [Max]	2,5 kg
Construction type of the scale	Single-range balance
Units	kg
Units (if device is conformity assessed)	kg
Load cell connection	4-wire
Default unit	kg
Loadcell type	ZEMIC BM8H 1.5 ton

## Display

Display type	LCD
Display type	LCD with backlight

# 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)
------------	---

## 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

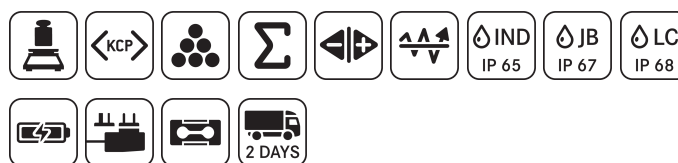
Delivery time	2 d
Dimensions packaging (W×D×H)	1270×1510×345 mm
Shipping method	Freight
Net weight approx.	150 kg
Gross weight approx.	190 kg
Shipping weight	189 kg

## Product information

GTIN/EAN number	4045761194342
Trade number	84238220
REACH classification	no prohibited substances

## Pictograms

### STANDARD



### OPTION



### FACTORY

