KERN **BXC 3T-3M**

KERN

Stainless steel floor scale with screwed-on weighing plate (IP67) and stainless steel display device (IP68), verification optional

Category

Brand	KERN
Product categoriy	Industrial scale
Product group	Floor scale
Product family	BXC

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
Adjustment options	Adjusting with external weight
Recommended adjusting weight	3000 kg (M1)
Stabilization time	3 s
Warm-up time	10 min
Linearisation in dots	2
Eccentric loading at 1/3 [Max]	2,5 kg
Default unit	kg
Units	kg g ffa PCS %
Units (if device is conformity assessed)	kg g
Conformity assessment possible	✓
Loadcell type	ZEMIC BM8H 1.5 ton

Load cell connection	6-wire

Display

Display type	LCD
Display type	LCD with backlight
Display backlight	✓
Display screen size	160×60 mm
Display segments	6
Display digit height	48 mm
Languages of the user interface	English Symbol language

Construction

Dimension display device (W×D×H)	232×150×77,3 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
Material display housing	stainless steel
Material load cell(s)	stainless steel
Level indicator	✓
Levelling feet adjustable	✓
Stand rotatable	no
Stand inclinable	no
Wall mount	✓
Display device cable length	5 m
Platform Construction	Screwed load plate; smooth surface (unscrewable)
Load cells - number	4

Functions

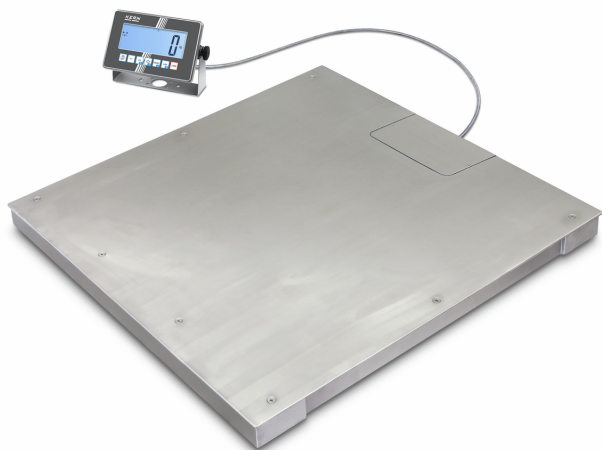|	
PreTare function	✓
Sum memory function	✓
Recipe/summing level	Sum A
Percentage determination	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically
Alibi memory	optional internal memory
Alibi memory - number of memory spaces	250.000
Function for averaging under unstable weighing conditions	✓
Counting function	✓

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Counting resolution (laboratory conditions)	3.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	1 kg
Smallest piece weight when piece counting - normal conditions	10 kg
Reference quantity	5, 10, 20, 50, n (any number of pieces)
Hold function	✓
IP protection - complete device	-
IP protection - display	IP68
IP protection - platform	IP67
IP protection - load cell	IP68
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min 2 min 1 min 30 min 60 min 30 sec
Auto-off interval(s) in mains power mode	off
Tare function	manual (multi)
Number of keys for operation	7

Interface

Interfaces	RS-232 (optional, factory) Ethernet (optional, factory) WiFi (optional, factory) Alibi memory (optional, factory) analogue (0 - 10 V) (optional, factory) analogue (4 - 20 mA) (optional, factory) Bluetooth BLE (v4.0) (optional, factory) USB-Device (optional, factory)
compatible with EasyTouch	✓

Power Supply

Supplied power supply	Power supply unit
Plug-in power supply type	Built-in power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO

Input voltage power supply / power [Max]	110 V - 240 V AC
Battery / accumulator type	Li-Ion
Battery	no battery
Rechargeable battery operating time - backlight on	11 h
Rechargeable battery operating time - backlight off	22 h
Rechargeable battery charging time	8 h
Rechargeable battery optional	Rchrg. battery optional - intern

Environmental conditions

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

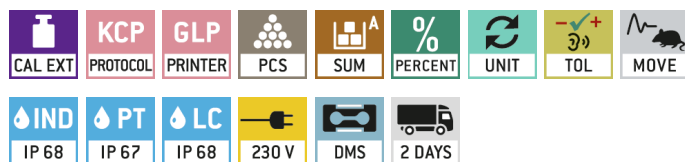|	
Delivery time	2 d
Dimensions packaging (W×D×H)	1615×1330×345 mm
Shipping method	Freight
Net weight approx.	150 kg
Gross weight approx.	205 kg
Shipping weight	201 kg

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Pictograms

STANDARD

CAL EXT	KCP PROTOCOL	GLP PRINTER	PCS	SUM	PERCENT	UNIT	TOL	MOVE

IND IP 68	PT IP 67	LC IP 68	230 V	DMS	2 DAYS

OPTION

ET	DAkkS +3 DAYS

FACTORY

ALIBI	RS 232	USB	WIFI	BT 4.0	ANALOG	LAN	ACCU	M +3 DAYS