

# KERN BXS 600K-1SM



Weighing bridge with screwed-on weighing plate (IP67) and stainless steel display device (IP68)



## Approval

CE mark	✓
Accuracy classe	III
Verification scale interval [e]	0,2 kg
Conformity assessment possible ex works	no

## Display

Display type	LCD
Display type	LCD with backlight
Display backlight	✓
Display digit height	55 mm
Languages of the user interface	Symbol language

## Construction

Dimension display device (W×D×H)	232×150×80 mm
Dimensions weighing platform (W×D×H)	1000×1000×80 mm
Material display housing	stainless steel
Material weighing plate	steel, lacquered
Material platform	steel, varnished
Dimensions weighing surface (W×D)	1000×1000 mm
Cable length	5 m
Display device cable length	5 m
Allowed cable length display device [Max]	20 m
Material load cell(s)	Stainless steels
Load cells - number	4
Levelling feet adjustable	✓
Wall mount	✓

## Functions

Number of keys for operation	7
PreTare function	✓
Tare function	manual (single & multi)
Hold function	✓
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	visual
Function for averaging under unstable weighing conditions	✓
Standby function	✓
Peak function	✓
Recipe/summing level	Sum A
Underfloor weighing	None

## Category

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

## Measuring System

Construction type of the scale	Single-range balance
Number of weighing ranges	1
Weighing system	Strain gauge
Weighing capacity [Max]	600 kg
Readability [d]	0,2 kg
Resolution	3.000
Linearity	± 0,4 kg
Reproducibility	0,2 kg
Tare range	-600 kg
Default unit	kg
Units	kg
Units (if device is conformity assessed)	kg
Minimum weight [Min]	4 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	600 kg (M2)
Stabilization time	2 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,4 kg
Maximum creep (15 minutes)	800 g
Maximum creep (30 minutes)	1,6 kg
Loadcell type	ZEMIC-H8C
Load cell connection	4-wire

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Interfaces	RS-232 (optional, factory)
	Bluetooth (optional, factory)
	RS-485 (optional, factory)
IP protection - complete device	IP67 (load cell) IP68 (indicator)
IP protection - display	IP68
IP protection - load cell	IP67

## Counting

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

Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Plug-in power supply type	Built-in power supply
Supplied power supply	Power supply unit
Plug-in power supply / adapter for countries - included with the delivery	EURO
Plug-in power supply / adapter for countries - optional	UK CH
Rechargeable battery optional	Rchrg. battery optional (factory)
Rechargeable battery charging time	12 h
Rechargeable battery operating time - backlight on	40 h
Rechargeable battery operating time - backlight off	80 h
Battery	no battery
Battery / accumulator type	Pb

## Environmental conditions

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)	1050×1050×350 mm
Net weight	98 kg
Shipping method	Freight
Net weight approx.	100 kg
Gross weight approx.	120 kg
Shipping weight	118 kg

## Services (optional)

Article number for adjustment at the location of installation	961-250
Article number for DAkkS calibration	963-130
Article number for certificate of conformity (verification)	969-517

## Pictograms

### STANDARD



### OPTION



### FACTORY

