

KERN SFB 50K-3XL

Stainless steel platform scale with IP65/IP67 protection and XL platform



Loadcell type	stainless steel IP67 silicone-coated
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Display

Display type	LCD
Display type	LCD with backlight
Display backlight	✓
Display segments	5 + 1/2
Display digit height	52 mm

Construction

Dimensions completely mounted (W×D×H)	500×560×590 mm
Dimension display device (W×D×H)	266×165×96 mm
Dimensions weighing surface (W×D)	500×400 mm
Dimensions weighing surface	500×400 mm
Dimensions weighing platform (W×D×H)	500×400×120 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	✓
Wall mount	✓
Cable length	3 m
Display device cable length	3 m
Allowed cable length display device [Max]	30 m

Functions

Sum memory function	✓
Recipe/summing level	Sum A
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Function for averaging under unstable weighing conditions	✓
Counting function	✓
Reference quantity	10, 20, 50, 100, 200
IP protection - display	IP65
IP protection - platform	no IP protection
IP protection - load cell	IP67
Auto-off interval(s) in battery mode/rechargeable battery mode	selectable
Auto-off interval(s) in mains power mode	selectable

Category

Brand	KERN
Product category	Industrial scale
Product group	Stainless steel platform scale
Product family	SFB

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	50 kg
Readability [d]	0,005 kg
Reproducibility	0,005 kg
Linearity	± 0,01 kg
Resolution	10.000
Tare range	50 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	50 kg (M1)
Stabilization time	2 s
Eccentric loading at 1/3 [Max]	0,025 kg
Units (if device is conformity assessed)	kg
Construction type of the scale	Single-range balance
	kg
	g
Units	lb
	Hj, tj
	lb:oz
Load cell connection	6-wire
Maximum creep (15 minutes)	20 g
Maximum creep (30 minutes)	40 g
Default unit	kg

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Tare function	manual (multi)
Number of keys for operation	7

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 - optional	EURO UK US
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 connection	Plug-in terminals
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]	95 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Approval

CE mark	✓
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Services (optional)

Article number for adjustment at the location of installation	961-248
Article number for DAkkS calibration	963-128
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	555×925×210 mm
Shipping method	Parcel service
Net weight approx.	13 kg
Gross weight approx.	14 kg
Shipping weight	21,6 kg

Product information

GTIN/EAN number	4045761247956
Trade number	84238220
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

