

KERN SFB 100K-2XLM

Stainless steel platform scale with IP65/IP67 protection and XL platform, verification optional



Conformity assessment possible ex works ✓

Display

Display type	LCD
Display type	LCD with backlight
Display backlight	✓
Display digit height	52 mm

Construction

Dimension display device (W×D×H)	266×165×96 mm
Dimensions weighing platform (W×D×H)	650×500×139 mm
Material display housing	stainless steel
Material weighing plate	stainless steel
Material platform	Stainless steel
Dimensions weighing surface (W×D)	650×500 mm
Cable length	3 m
Display device cable length	3 m
Allowed cable length display device [Max]	30 m
Material load cell(s)	Stainless steels
Levelling feet adjustable	✓
Wall mount	✓

Functions

Number of keys for operation	7
Auto-off interval(s) in mains power mode	selectable free
Auto-off interval(s) in battery mode/rechargeable battery mode	selectable
Tare function	manual (single & 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	✓

Interfaces

RS-232 (optional, factory)
Bluetooth BTC (v2.0) (optional, factory)
analogue (0 - 10 V) (optional, factory)
analogue (4 - 20 mA) (optional, factory)

Category

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

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	150 kg
Readability [d]	0,05 kg
Resolution	3.000
Linearity	± 0,05 kg
Reproducibility	0,05 kg
Tare range	-150 kg
Default unit	kg
Units	kg
Minimum weight [Min]	1 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	150 kg (M1)
Stabilization time	2 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,05 kg
Loadcell type	stainless steel IP68 encapsulated
Load cell connection	6-wire

Approval

CE mark	✓
Accuracy classe	III
Verification scale interval [e]	0,05 kg

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IP protection - display	IP65
IP protection - load cell	IP68
IP protection - platform	no IP protection

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	Accu & Power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO AUS UK US CH

Plug-in power supply / adapter for countries - optional	EURO UK US
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Rechargeable battery charging time	12 h
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Rechargeable battery operating time - backlight on	20 h
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Rechargeable battery operating time - backlight off	35 h
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Battery / accumulator type	Pb
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Battery connection	Plug-in terminals
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Environmental conditions

Humidity of environment [Min]	0 %
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Humidity of environment [Max]	95 %
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Ambient temperature [Min]	-10 °C
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Ambient temperature [Max]	40 °C
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Storage temperature [Min]	-20 °C
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Storage temperature [Max]	60 °C
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Packing & Shipping

Readability force [d] (N)	1 d
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Dimensions packaging (W×D×H)	680×1060×250 mm
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Net weight	23 kg
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Shipping method	Parcel service
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Net weight approx.	24 kg
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Gross weight approx.	28 kg
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Shipping weight	36 kg
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Services (optional)

Article number for adjustment at the location of installation	961-249
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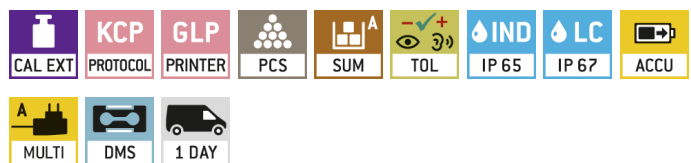
Article number for conformity assessment	965-229
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Article number for DAkkS calibration	963-129
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Article number for certificate of conformity (verification)	969-517
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Pictograms

STANDARD



OPTION



FACTORY

