KERN **SFB 100K-2XL**

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



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]	100 kg
Readability [d]	0,01 kg
Reproducibility	0,01 kg
Linearity	± 0,02 kg
Resolution	10.000
Tare range	100 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	100 kg (M1)
Stabilization time	2 s
Eccentric loading at 1/3 [Max]	0,05 kg
Construction type of the scale	Single-range balance
Units	kg g lb Hj, tJ lb:oz
Load cell connection	6-wire
Maximum creep (15 minutes)	40 g
Maximum creep (30 minutes)	80 g
Default unit	kg
Loadcell type	stainless steel IP68 encapsulated

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)	650×660×590 mm
Dimension display device (W×D×H)	266×165×96 mm
Dimensions weighing surface (W×D)	650×500 mm
Dimensions weighing surface	650×500 mm
Dimensions weighing platform (W×D×H)	650×500×139 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	IP68
Auto-off interval(s) in battery mode/rechargeable battery mode	selectable
Auto-off interval(s) in mains power mode	selectable
Tare function	manual (multi)
Number of keys for operation	7

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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 - 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
Humity of environment [Min]	0 %
Humity of environment [Max]	95 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Approval

CE mark	✓

Services (optional)

Article number for adjustment at the location of installation	961-249
Article number for DAkkS calibration	963-129
Article number for certificate of conformity	969-517

Packing & Shipping

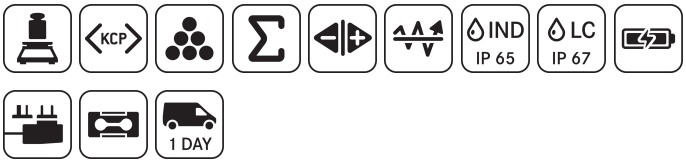
Delivery time	1 d
Dimensions packaging (W×D×H)	1050×670×240 mm
Shipping method	Parcel service
Net weight approx.	24 kg
Gross weight approx.	26 kg
Shipping weight	33,8 kg
Shipping volume weight	33,8 kg

Product information

GTIN/EAN number	4045761248236
Trade number	84238220
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

