

# KERN SFB 100K-2HM

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



## 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	120 kg (M1)
Stabilization time	2 s
Warm-up time	10 min
Eccentric loading at 1/3 [Max]	0,05 kg
Loadcell type	stainless steel IP67 silicone-coated
Load cell connection	6-wire

## Approval

CE mark	✓
Accuracy classe	III

Verification scale interval [e]	0,05 kg
Conformity assessment possible ex works	✓

## Display

Display type	LCD
Display backlight	✓
Display digit height	52 mm

## Construction

Dimension display device (W×D×H)	266×165×96 mm
Dimensions weighing platform (W×D×H)	400×300×111 mm
Dimensions completely mounted (W×D×H)	400×460×590 mm
Material display housing	stainless steel
Material weighing plate	stainless steel
Material platform	Stainless steel
Dimensions weighing surface (W×D)	400×300 mm
Cable length	0 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	✓
Stand height	400 mm
Stand inclinable	✓

## Functions

Number of keys for operation	7
Auto-off interval(s) in mains power mode	3 min off 5 min 30 min 15 min
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off 5 min 30 min 15 min
Tare function	manual (single & multi)
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Function for averaging under unstable weighing conditions	✓

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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)
IP protection - display	IP65
IP protection - load cell	IP67
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
Rechargeable battery charging time	12 h
Rechargeable battery operating time - backlight on	20 h
Rechargeable battery operating time - backlight off	35 h
Battery / accumulator type	Pb
Battery connection	Plug-in terminals

## Environmental conditions

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

## Packing & Shipping

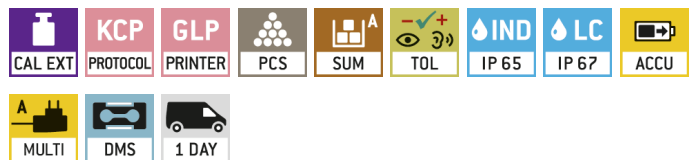
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	795×465×220 mm
Net weight	9,7 kg
Shipping method	Parcel service
Net weight approx.	10 kg
Gross weight approx.	15 kg
Shipping weight	16,3 kg

## Services (optional)

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

## Pictograms

### STANDARD



### OPTION



### FACTORY

