

# KERN SXS 100K-2L

**KERN**

High-resolution stainless steel platform scale with stainless steel IP68 indicator with fine display



## Category

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

## Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	150 kg
Readability [d]	0,01 kg
Resolution	15.000
Linearity	± 0,03 kg
Reproducibility	0,01 kg
Default unit	kg
Units	kg
	g
	lb
	oz
Adjustment options	Adjusting with external weight
Recommended adjusting weight	150 kg (M1)
Stabilization time	2 s
Warm-up time	30 min
Eccentric loading at 1/3 [Max]	0,0005 kg
Maximum creep (15 minutes)	40 g
Maximum creep (30 minutes)	80 g
Loadcell type	stainless steel hermetically encapsulated
Load cell connection	6-wire

## Zulassung

CE mark	✓
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## Display

Display type	LCD
Display type	LCD with backlight
Display backlight	✓
Display segments	6
Display digit height	55 mm

## Construction

Dimension display device (W×D×H)	232×150×80 mm
Dimensions weighing platform (W×D×H)	650×500×135 mm
Material display housing	stainless steel
Material weighing plate	stainless steel
Material platform	Stainless steel
Dimensions weighing surface (W×D)	650×500 mm
Display device cable length	2,5 m
Allowed cable length display device [Max]	20 m
Transport safety lock - bolt torque	0,1 Nm
Material load cell(s)	stainless steel
Levelling feet adjustable	✓
Level indicator	✓
Wall mount	✓

## Functions

Number of keys for operation	7
Auto-off interval(s) in mains power mode	1 - 9 min
Auto-off interval(s) in battery mode/rechargeable battery mode	1 - 9 min
Wireless operation	no
PreTare function	✓
Tare function	manual (multi)
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	visual
Function for averaging under unstable weighing conditions	✓
Recipe/summing level	Sum A
Interfaces	RS-232 (optional, factory)
	Bluetooth (optional, factory)
	RS-485 (optional, factory)
IP protection - complete device	-
IP protection - display	IP68

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

## Counting

Smallest piece weight when piece counting - laboratory conditions	5 g
Smallest piece weight when piece counting - normal conditions	50 g
Reference quantity	10, 20, 50, 100, 200
Counting resolution (laboratory conditions)	30.000

## Power Supply

Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / 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 charging time	12 h
Rechargeable battery operating time - backlight on	40 h
Rechargeable battery operating time - backlight off	80 h
Battery / accumulator type	Pb
Battery connection	Plug-in terminals

## Environmental conditions

Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Humidity of environment [Min]	0 %
Humidity of environment [Max]	80 %

## Packing & Shipping

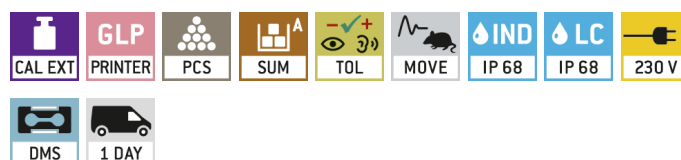
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	600×930×245 mm
Net weight	33,5 kg
Shipping method	Parcel service
Net weight approx.	34 kg
Gross weight approx.	38 kg
Shipping weight	36,1 kg

## 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 (verification)	969-517

## Pictograms

### STANDARD



### OPTION



### FACTORY

