

# KERN SXC 100K-2



Interlinked for industry of the future: Stainless steel platform scale with up to four data interfaces and optional alibi memory



## Approval

CE mark	✓
---------	---

## Display

Display type	LCD
Display type	LCD with backlight
Display screen size	160×60 mm
Display backlight	✓
Display digit height	48 mm
Languages of the user interface	English Symbol language

## Construction

Dimension display device (W×D×H)	232×150×80 mm
Dimensions weighing platform (W×D×H)	500×400×124 mm
Material display housing	stainless steel
Material weighing plate	stainless steel
Material platform	Stainless steel
Dimensions weighing surface (W×D)	500×400 mm
Display device cable length	3 m
Allowed cable length display device [Max]	20 m
Material load cell(s)	stainless steel
Load cells - number	1
Levelling feet adjustable	✓
Wall mount	✓

## Functions

Number of keys for operation	7
Auto-off interval(s) in mains power mode	off
	5 min
	2 min
Auto-off interval(s) in battery mode/rechargeable battery mode	1 min
	30 min
	60 min
	30 sec
Capacity display	✓
PreTare function	✓
Tare function	manual (multi)
Hold function	✓
Percentage determination	✓
Counting function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual

## Category

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

## Measuring System

Construction type of the scale	Single-range balance
Number of weighing ranges	1
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

	kg
	g
Units	lb
	ffa
	PCS
	%

Adjustment options	Adjusting with external weight
Recommended adjusting weight	150 kg (M1)
Possible calibration points	150 kg
Stabilization time	3 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 IP68 encapsulated
Load cell connection	6-wire

# KERN SXC 100K-2



Interlinked for industry of the future: Stainless steel platform scale with up to four data interfaces and optional alibi memory

Function for averaging under unstable weighing conditions	✓
Recipe/summing level	Sum A
Sum memory function	✓
Alibi memory	optional internal memory
Alibi memory - number of memory spaces	250.000

Interfaces	RS-232 (optional, factory) Bluetooth (optional, factory) Ethernet (optional, factory) WiFi (optional, factory) Alibi memory (optional, factory) analogue (0 - 10 V) (optional, factory) analogue (4 - 20 mA) (optional, factory) Bluetooth BLE (v4.0) (optional, factory) USB-Device (optional, factory)
------------	--

IP protection - complete device	-
IP protection - display	IP68
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
Counting reference weight can be entered	✓
Reference quantity	5, 10, 20, 50, n (any number of pieces)
Counting resolution (laboratory conditions)	30.000

## Power Supply

Input voltage power supply / power [Max]	110 V - 240 V AC
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
Rechargeable battery optional	Rchrg. battery optional - intern

Rechargeable battery charging time	8 h
Rechargeable battery operating time - backlight on	20 h
Rechargeable battery operating time - backlight off	48 h
Battery	no battery
Battery / accumulator type	Li-Ion

## Environmental conditions

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

## Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	930×555×225 mm
Net weight	22,3 kg
Shipping method	Parcel service
Net weight approx.	24 kg
Gross weight approx.	26 kg
Shipping weight	24,4 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

# KERN SXC 100K-2



Interlinked for industry of the future: Stainless steel platform scale with up to four data interfaces and optional alibi memory

## Pictograms

### STANDARD



### OPTION



### FACTORY

