

KERN SXC 6K-4

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



Loadcell type	stainless steel IP68 encapsulated
Load cell connection	6-wire

Approval

CE mark	✓
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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)	300×240×104 mm
Material display housing	stainless steel
Material weighing plate	stainless steel
Material platform	Stainless steel
Dimensions weighing surface (W×D)	300×240 mm
Cable length	3 m
Display device cable length	3 m
Allowed cable length display device [Max]	20 m
Transport safety lock - bolt torque	0,1 Nm
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)

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]	6 kg
Readability [d]	0,0005 kg
Resolution	12.000
Linearity	± 0,0015 kg
Reproducibility	0,0005 kg
Default unit	kg

Units

kg
g
lb
ffa
PCS
%

Adjustment options	Adjusting with external weight
Recommended adjusting weight	6 kg (M1)
Possible calibration points	6 kg
Stabilization time	3 s
Warm-up time	30 min
Eccentric loading at 1/3 [Max]	0,0005 kg
Maximum creep (15 minutes)	2 g
Maximum creep (30 minutes)	4 g

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Hold function	✓
Percentage determination	✓
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	✓
Alibi memory	optional internal memory
Alibi memory - number of memory spaces	250.000

Interfaces	RS-232 (optional, factory)
	Ethernet (optional, factory)
Interfaces	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	200 mg
Smallest piece weight when piece counting - normal conditions	2 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)	700×410×230 mm
Net weight	5,1 kg
Shipping method	Parcel service
Net weight approx.	6 kg
Gross weight approx.	7 kg
Shipping weight	13,2 kg

Services (optional)

Article number for adjustment at the location of installation	961-248
Article number for DAkkS calibration	963-128
Article number for certificate of conformity (verification)	969-517

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Pictograms

STANDARD



OPTION



FACTORY

