KERN **SXC 100K-2LM**

KERN

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

Pattern approval for conformity assessment	✓
Accuracy classe	III
Verification scale interval [e]	0,02 kg; 0,05 kg
Conformity assessment possible ex works	✓

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)	650×500×136 mm
Material display housing	stainless steel
Material weighing plate	stainless steel
Material platform	Stainless steel
Dimensions weighing surface (W×D)	650×500 mm
Cable length	3 m
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	✓

Category

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

Measuring System

Conformity assessment possible	✓
Construction type of the scale	Multi-range balance
Number of weighing ranges	2
Weighing system	Strain gauge
Weighing capacity [Max]	60 kg; 150 kg
Readability [d]	0,02 kg; 0,05 kg
Resolution	3.000, 3.000
Linearity	± 0,02 kg; 0,05 kg
Reproducibility	0,02 kg; 0,05 kg
Default unit	kg
Units	kg
Units (if device is conformity assessed)	kg g
Minimum weight [Min]	0,4 kg; 1 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	150 kg (M1)
Possible calibration points	60 kg; 150 kg
Stabilization time	3 s
Warm-up time	10 min; 10 min
Eccentric loading at 1/3 [Max]	0,02 kg; 0,05 kg
Loadcell type	stainless steel IP68 encapsulated
Load cell connection	6-wire

Approval

CE mark	✓

Functions

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

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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) 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

Humity of environment [Min]	0 %
Humity 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)	1050×675×250 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)

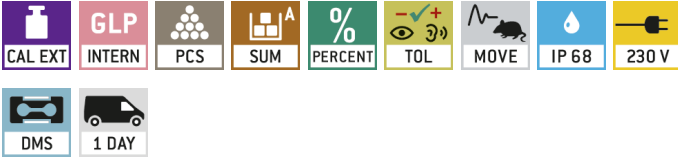|	
Article number for adjustment at the location of installation	961-249
Article number for conformity assessment	965-229
Article number for DAkkS calibration	963-129
Article number for certificate of conformity (verification)	969-517

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Pictograms

STANDARD

CAL EXT	GLP INTERN	PCS	SUM	PERCENT	TOL	MOVE	IP 68	230 V

DMS	1 DAY

OPTION

ET	DAkkS +3 DAYS

FACTORY

ALIBI	RS 232	USB	BT	WLAN	ANALOG	LAN	ACCU	M +3 DAYS