KERN **SXC 30K-3L**

KERN

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

Display

Display type	LCD
Display type	LCD with backlight
Display backlight	✓
Display screen size	160×60 mm
Display segments	6
Display digit height	48 mm
Languages of the user interface	English Symbol language

Construction

Dimension display device (W×D×H)	232×150×77,3 mm
Dimensions weighing surface (W×D)	500×400 mm
Dimensions weighing surface	500×400 mm
Dimensions weighing platform (W×D×H)	500×400×120 mm
Material weighing plate	stainless steel
Material platform	Stainless steel
Material display housing	stainless steel
Material load cell(s)	Stainless steels
Level indicator	✓
Levelling feet adjustable	✓
Stand rotatable	no
Stand inclinable	no
Wall mount	✓
Transport safety lock - bolt torque	0,1 Nm
Display device cable length	3 m
Allowed cable length display device [Max]	20 m
Platform Construction	Single-Cell
Load cells - number	1

Category

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

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Number of weighing ranges	1
Weighing capacity [Max]	30 kg
Readability [d]	0,002 kg
Reproducibility	0,002 kg
Linearity	± 0,006 kg
Resolution	15.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	30 kg (M1)
Stabilization time	3 s
Warm-up time	30 min
Eccentric loading at 1/3 [Max]	0,01 kg
Maximum creep (15 minutes)	8 g
Maximum creep (30 minutes)	16 g
Default unit	kg
Units	kg g lb ffa PCS %
Loadcell type	stainless steel IP68 encapsulated
Load cell connection	6-wire

Functions

PreTare function	✓
Sum memory function	✓
Recipe/summing level	Sum A
Percentage determination	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	acoustically visual
Alibi memory	optional internal memory
Alibi memory - number of memory spaces	250.000
Function for averaging under unstable weighing conditions	✓
Counting function	✓

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Counting resolution (laboratory conditions)	30.000
Counting reference weight can be entered	✓
Smallest piece weight when piece counting - laboratory conditions	1 g
Smallest piece weight when piece counting - normal conditions	10 g
Reference quantity	5, 10, 20, 50, n (any number of pieces)
Hold function	✓
IP protection - complete device	-
IP protection - display	IP68
IP protection - platform	no IP protection
IP protection - load cell	IP68
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min 2 min 1 min 30 min 60 min 30 sec
Auto-off interval(s) in mains power mode	off
Tare function	manual (multi)
Number of keys for operation	7

Interface

Interfaces	RS-232 (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)
EasyTouch (ET) - Compatibility	vollständig
EasyTouch (ET) - Connection type	KUM

Power Supply

Supplied power supply	Power supply unit
Plug-in power supply type	Built-in power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO

Input voltage power supply / power [Max]	110 V - 240 V AC
Battery / accumulator type	Li-Ion
Battery	no battery
Rechargeable battery operating time - backlight on	20 h
Rechargeable battery operating time - backlight off	48 h
Rechargeable battery charging time	8 h
Rechargeable battery optional	Rchrg. battery optional (factory)

Environmental conditions

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

Approval

CE mark	✓

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

Packing & Shipping

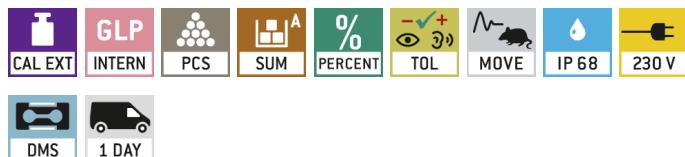|	
Delivery time	1 d
Dimensions packaging (W×D×H)	490×790×235 mm
Net weight	20,8 kg
Shipping method	Parcel service
Net weight approx.	22 kg
Gross weight approx.	24 kg
Shipping weight	23,7 kg

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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	WIFI	ANALOG	LAN	ACCU