KERN **SXS 100K-2**

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

Category

Brand	KERN
Product categoriy	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

Approval

CE mark	✓

Display

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

Construction

Dimension display device (W×D×H)	232×150×80 mm
Dimensions weighing platform (W×D×H)	500×400×123 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	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	✓
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
IP protection - load cell	IP68
IP protection - platform	no IP protection

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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

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)	500×770×230 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

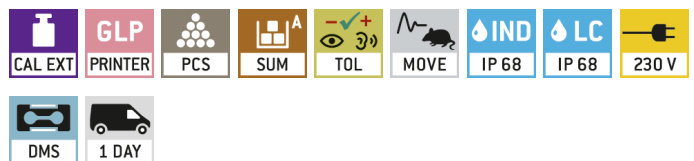## Services (optional)

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

Pictograms

STANDARD

CAL EXT	GLP PRINTER	PCS	SUM	TOL	MOVE	IND IP 68	LC IP 68	230 V

DMS	1 DAY

OPTION

DAkkS +3 DAYS

FACTORY

RS 232	RS 485	BT	ACCU