KERN **SXS 100K-2LM**

Stainless steel platform scale with stainless steel IP68 display



Date of creation: 23.10.2026

Category	
Brand	KERN
Product category	Industrial scale
Product group	Stainless steel platform scale
Product family	SXS

Measuring System	
Weighing system	Strain gauge
Weighing capacity [Max]	60 kg; 150 kg
Readability [d]	0,02 kg; 0,05 kg
Reproducibility	0,02 kg; 0,05 kg
Linearity	± 0,02 kg; 0,05 kg
Minimum weight [Min] (verifiable)	0,4 kg; 1 kg
Resolution	3.000, 3.000
Tare range	-150 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	150 kg (M1)
Stabilization time	2 s
Eccentric loading at 1/3 [Max]	0,02 kg; 0,05 kg
Construction type of the scale	Multi-range balance
Units	kg
Units (if device is conformity assessed)	kg g
Load cell connection	6-wire
Maximum creep (15 minutes)	200 g
Maximum creep (30 minutes)	400 g
Default unit	kg
Loadcell type	stainless steel hermetically encapsulated
Warm-up time	10 min; 10 min

Display	
Display type	LCD
Display type	LCD with backlight
Display backlight	✓
Display segments	6
Display digit height	55 mm

Construction	
Dimension display device (W×D×H)	232×150×80 mm
Dimensions weighing surface (W×D)	650×500 mm
Dimensions weighing surface	650×500 mm
Dimensions weighing platform (W×D×H)	650×500×135 mm
Material weighing plate	stainless steel
Material platform	stainless steel
Material display housing	stainless steel
Material load cell(s)	stainless steel
Level indicator	✓
Levelling feet adjustable	✓
Wall mount	✓
Transport safety lock - bolt torque	0,1 Nm
Display device cable length	2,5 m
Allowed cable length display device [Max]	3 m
Platform Construction	Single-Cell

Functions	
Hold function	✓
IP protection - complete device	-
IP protection - display	IP68
IP protection - platform	no IP protection
IP protection - load cell	IP68
Wireless operation	no
Peak function	✓
PreTare function	✓
Function for averaging under unstable weighing conditions	✓
Tolerance weighing	✓
Counting function	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	1 - 9 min
Auto-off interval(s) in mains power mode	1 - 9 min

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Tare function	manual (multi)
Counting resolution (laboratory conditions)	30.000
Smallest piece weight when piece counting - laboratory conditions	5 g
Reference quantity	10, 20, 50, 100, 200
Recipe/summing level	Sum A
Number of keys for operation	7
Smallest piece weight when piece counting - normal conditions	50 g
Tolerance weighing - type of signal	visual

Interface

Interfaces	RS-232 (optional, factory) Bluetooth (optional, factory) RS-485 (optional, factory)

Power Supply

Supplied power supply	Power supply unit
Power supply type	Built-in power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO
Plug-in power supply / adapter for countries - optional	UK CH
Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Power supply cable removable	fixed connection
Input voltage device / power [Max]	~220 V - 240 V AC; 50 Hz
Power socket for mains adapter	Protective contact plug
Battery / accumulator type	Pb
Battery connection	Plug-in terminals
Rechargeable battery	6 V, 4.5 Ah
Rechargeable battery operating time - backlight on	40 h
Rechargeable battery operating time - backlight off	80 h
Rechargeable battery charging time	12 h
Rechargeable battery optional	Rchrg. battery optional (factory)
Battery/Accu connected	fixed electrical connection, not insulated

Environmental conditions

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

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	969-517

Packing & Shipping

Delivery time	2 d
Dimensions packaging (W×D×H)	600×930×245 mm
Shipping method	Freight
Net weight approx.	34 kg
Gross weight approx.	38 kg
Shipping weight	36,1 kg
Shipping volume weight	27,3 kg

Product information

GTIN/EAN number	4045761206380
Trade number	84238220
Warranty Time	36 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION



FACTORY

