

# KERN SXS 100K-2M

Stainless steel platform scale with stainless steel IP68 display



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)	500×400 mm
Dimensions weighing surface	500×400 mm
Dimensions weighing platform (W×D×H)	500×400×131 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

PreTare function	✓
Recipe/summing level	Sum A
Wireless operation	no
Tolerance weighing	✓
Tolerance weighing - type of signal	visual
Function for averaging under unstable weighing conditions	✓
Counting function	✓
Counting resolution (laboratory conditions)	30.000
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
Hold function	✓
IP protection - complete device	-
IP protection - display	IP68
IP protection - platform	no IP protection
IP protection - load cell	IP68
Peak function	✓

## 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]	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
Load cell connection	4-wire
Units (if device is conformity assessed)	kg g
Construction type of the scale	Multi-range balance
Units	kg
Maximum creep (15 minutes)	200 g
Maximum creep (30 minutes)	400 g
Default unit	kg
Loadcell type	stainless steel hermetically encapsulated

## Display

Display type	LCD
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Auto-off interval(s) in battery mode/rechargeable battery mode	1 - 9 min
Auto-off interval(s) in mains power mode	1 - 9 min
Tare function	manual (multi)
Number of keys for operation	7

## Interface

Interfaces	RS-232 (optional, factory) Bluetooth (optional, factory) RS-485 (optional, factory)
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## 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
Humidity of environment [Min]	0 %
Humidity of environment [Max]	80 %

## Approval

CE mark	✓
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## 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	1 d
Dimensions packaging (W×D×H)	500×770×230 mm
Shipping method	Parcel service
Net weight approx.	22 kg
Gross weight approx.	24 kg
Shipping weight	23,36 kg

## Product information

GTIN/EAN number	4045761206397
Trade number	84238220
REACH classification	no prohibited substances

## Pictograms

### STANDARD



### OPTION



### FACTORY

