

# KERN SXS 100K-2M

Stainless steel platform scale with stainless steel IP68 display



## 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] 3 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)  
 Hold function ✓  
 Counting function ✓  
 Tolerance weighing ✓  
 Tolerance weighing - type of signal visual  
 Function for averaging under unstable weighing conditions ✓  
 Peak function ✓  
 Recipe/summing level Sum A  
 Interfaces RS-232 (optional, factory)  
 Bluetooth (optional, factory)

## Category

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

## Measuring System

Construction type of the scale Multi-range balance  
 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  
 Tare range -150 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)  
 Stabilization time 2 s  
 Warm-up time 10 min; 10 min  
 Eccentric loading at 1/3 [Max] 0,02 kg; 0,05 kg  
 Maximum creep (15 minutes) 200 g  
 Maximum creep (30 minutes) 400 g  
 Loadcell type stainless steel  
 hermetically encapsulated  
 Load cell connection 4-wire

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	RS-485 (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
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 optional	Rchrg. battery optional (factory)
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

Humidity of environment [Min]	0 %
Humidity 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

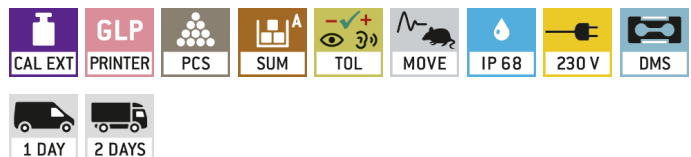
Shipping method	Parcel service
Net weight approx.	24 kg
Gross weight approx.	26 kg
Shipping weight	24,4 kg

## 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



### OPTION



### FACTORY

