PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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KERN SXS 100K-2LM

Stainless steel platform scale with stainless steel IP68 display

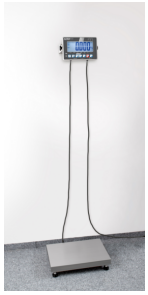
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APPLICATION EXAMPLE







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FEATURES

- Multi-range balance, with increasing load it switches automatically to the next largest weighing range [Max] and readout [d] and when the load is fully removed, the balance switches back to the lower range
- Ideal for the robust industrial applications
- Platform: made entirely of stainless steel, hermetically welded stainless steel load cell with protection against dust and water splashes IP68. Substruction in wing design, extremely resistant to bending. Earthed weighing plate, to reduce static charge
- *Display device: stainless steel, dust and splash water protection IP68, integrated power supply
- Ideal for the increased hygienic requirements in the food industries
- Wall mount for display device, standard
- Superior display size: digit height 55 mm, bright backlight for easy reading of weighing results, even in poor lighting conditions
- Easy-to use KERN menu structure with printout of weighing results which can be intuitively adapted
- Thanks to interfaces such as RS-232, RS-485 and Bluetooth (optional) the scale can easily be connected to existing networks and facilitates the data exchange between the scale and printer

TECHNICAL DATA

- Large backlit LCD display, digit height 55 mm
- Weighing platform dimensions, stainless steel, W×D×H 650×500×135 mm
- Dimensions of display device W×D×H 232×150×80 mm
- Cable length of display device approx. 2,5 m
- Net weight approx. 34 kg
- Permissible ambient temperature -10 °C/40 °C

MAIN SCOPE OF APPLICATIONS

- Industry
- Production
- Warehousing
- Dispatch
- Logistics

PICTOGRAMS

Standard



Option



Factory



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MODEL OVERVIEW

Model	Weighing capacity [Max]	Readability [d]	Reproducibility	Linearity	Dimensions weighing surface
SXS 10K-3LM	6 kg; 15 kg	0,002 kg; 0,005 kg	0,002 kg; 0,005 kg	± 0,002 kg; 0,005 kg	400×300 mm
SXS 10K-3M	6 kg; 15 kg	0,002 kg; 0,005 kg	0,002 kg; 0,005 kg	± 0,002 kg; 0,005 kg	300×240 mm
SXS 100K-2LM	60 kg; 150 kg	0,02 kg; 0,05 kg	0,02 kg; 0,05 kg	± 0,02 kg; 0,05 kg	650×500 mm
SXS 100K-2M	60 kg; 150 kg	0,02 kg; 0,05 kg	0,02 kg; 0,05 kg	± 0,02 kg; 0,05 kg	500×400 mm

ACCESSORIES

Model	Description
GAB-A04	Rechargeable battery pack GAB-A04 (Pb)
IXS-A01	Tripod IXS-A01-2023a, Height of stand approx. 50 mm
IXS-A01	Tripod IXS-A01, Height of stand approx. 50 mm
IXS-A02	Tripod IXS-A02, Height of stand approx. 200 mm
IXS-A03	Tripod IXS-A03, Height of stand approx. 400 mm
IXS-A04	Tripod IXS-A04, Height of stand approx. 600 mm
KXS-A01	RS-485 interface KXS-A01
KXS-A03	Foot switch KXS-A03
KXS-A04	RS-232 interface KXS-A04
KXS-A06	Cable KXS-A06
YGR-01	ESD grounding plug incl. grounding cable YGR-01

Model	Description
YKK-01	Power cord (CH) YKK-01
YRO-03	roller conveyor YRO-03

SOFTWARE

Model	Description
SCD-4.0-DL	Software SCD-4.0-DL (Scope of supplies: Download link for 1 license)
SCD-4.0-DLS05	Software SCD-4.0-DLS05 (Scope of supplies: Download link for 5 licenses)
SCD-4.0-PRO-DL	Software SCD-4.0-PRO-DL (Scope of supplies: Download link for 1 license)
SCD-4.0-PRO-DL-AS05	Software SCD-4.0-PRO-DL-AS05 (Scope of supplies: Download link for 5 licenses)

SERVICES

Model	Description
961-249	Adjustment at the location of installation 961-249 (Not in combination with verification)
963-129	DAkkS calibration certificate 963-129
969-517	Confirmation of the manufacturer’s specification (only in combination with DAkkS calibration certificate)969-517
970-108	Warranty extension (+2 years) 970-108

KERN Pictogram Overview

	External adjustment: Adjusting accuracy using external adjustment weight
	Piece counting: Reference quantities selectable. Display can be switched from piece to weight
	Sum function: The weight values of weighed items can be added together and the total printed out
	Measuring with tolerance range (checkweighing): Upper and lower limit values can be programmed, e.g. for sorting, portioning or for measuring coatings or material thicknesses. The process is supported by an acoustic and/or optical signal
	Hold function: When the weighing conditions are unstable, a stable weight is calculated as an average value
	Protection against dust and water splashes IP68
	Integrated power supply unit: Integrated in device. 230 V/50 Hz standard EU. More standards e.g. GB, USA or AUS on request
	Weighing principle Strain gauges: Electrical resistor on an elastic deforming body
	Pallet shipment: The duration of internal product provision are two days
	Accredited calibration (DKD): The duration of the accredited calibration is 3 working days
	Data interface RS-232: For connection to printers, PCs or other peripheral devices for data transfer over longer distances. Network in bus topology possible
	Data interface RS-485: For connection to printers, PCs or other peripheral devices for data transfer over longer distances. Network in bus topology possible
	Data interface Bluetooth: For connection to printers, PCs or other peripheral devices
	Rechargeable battery pack: Rechargeable set

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