PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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KERN IXS 100K-2LM

Platform scale with stainless steel display device with IP68 rating and XL display

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APPLICATION EXAMPLE



FEATURES

- Tough industry standard suitable for use in harsh industrial applications
- Platform: weighing plate of stainless steel, painted steel base, silicone-coated aluminium load cell with protection against dust and water splashes IP65, Substruction in wing design, extremely resistant to bending
- Superior display size: digit height 60 mm, bright with high contrast for easy reading of weighing results, even in poor lighting conditions
- Display device: stainless steel, protection against dust and water splashesIP68, integrated power supply
- ESD drain to protect against electrostatic discharge e.g. for electrostatically-charged weighing objects or people who work with the scale
- 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 60 mm
- Weighing platform dimensions, stainless steel, W×D×H 650×500×140 mm
- Dimensions of display device W×D×H 232×150×80 mm
- Cable length of display device approx. 3 m
- Net weight approx. 36 kg
- Permissible ambient temperature -10 °C/40 °C

MAIN SCOPE OF APPLICATIONS

- Industry
- Production
- Warehousing
- Dispatch
- Logistics

PLEASE NOTE FOR YOUR ORDER

- Only one optional interface can be installed and used

PICTOGRAMS

Standard



Option



Factory



MODEL OVERVIEW

Model	Weighing capacity [Max]	Readability [d]	Dimensions weighing surface	Net weight approx.
IXS 6K-4	6 kg	0,0002 kg	300×240 mm	6 kg
IXS 10K-3M	6 kg; 15 kg	0,002 kg; 0,005 kg	300×240 mm	6 kg
IXS 10K-4L	15 kg	0,0005 kg	400×300 mm	11 kg
IXS 30K-3	30 kg	0,001 kg	400×300 mm	12 kg
IXS 60K-2M	30 kg; 60 kg	0,01 kg; 0,02 kg	400×300 mm	11 kg
IXS 60K-3	60 kg	0,002 kg	400×300 mm	12 kg
IXS 100K-2LM	60 kg; 150 kg	0,02 kg; 0,05 kg	650×500 mm	36 kg

ACCESSORIES

Model	Description
AFH 13	Converter RS232 to USB AFH 13
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

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Model	Description
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
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
965-403	Cable extension 965-403 (< 4 m)
965-404	Cable extension 965-404 (4–7 m)
969-517	Confirmation of the manufacturer’s specification (only in combination with DAkkS calibration certificate)969-517
970-106	Warranty extension (+2 years) 970-106

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
	Load Cell: Protection against dust and water splashes IP65
	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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