

# IP protected platform scale KERN IXS



Platform scale with stainless steel display device with IP68 rating, XL-display und EC type approval [M] – now also as high resolution version with high-resolution display



**Piece-counting function**



**Durable stainless steel weighing plate**



**Stainless steel display device with IP67 protection, hygienic and easy to clean**

# IP protected platform scale KERN IXS



## Features

- **Tough industry standard** suitable for use in harsh industrial applications
- **Display device:** Stainless steel, very high class of protection against dust and water IP68, for industrial applications, hygienic and easy to clean, with integrated power supply. Wall mount standard. For additional information see page 148, KERN KXS-TM
- **1 Flexible positioning of display device:** e.g. free-standing or mounted to the wall
- **Superior display size:** digit height 55 mm. Bright backlight for easy reading of weighing results, even in poor lighting conditions
- **2 Platform:** weighing plate stainless steel, substructure in wing design, extremely resistant to bending, steel, lacquered, protection against dust and water splashes IP65, silicone-coated aluminium load cell

- **ESD drain to protect against electrostatic discharge** e.g. for electrostatically-charged weighing objects or people who work with the scale
- Thanks to the RS-232, RS-485 and Bluetooth (optional) interfaces, the scale can easily be connected to existing networks. Data exchange between the scale, PC or printer

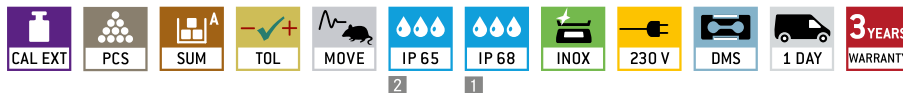
## Technical data

- Large backlit LCD display, digit height 55 mm
- Weighing plate dimensions, stainless steel, WxDxH
  - A 300x240x86 mm, B 400x300x89 mm
  - C 500x400x123 mm
  - D 650x500x133.5 mm
- Dimensions of display device WxDxH 232x170x80 mm
- Cable length of display device approx. 2,5 m
- Permissible ambient temperature -10 °C / 40 °C

## Accessories

- **Stand**, can be retrofitted, for models with weighing plate size
  - A - D: height of stand approx. 200 mm, KERN IXS-A02
  - B - D: height of stand approx. 400 mm, KERN IXS-A03
  - C - D: height of stand approx. 600 mm, KERN IXS-A04
- **Rechargeable battery pack internal**, operating time up to 80 h without backlight, charging time approx. 12 h, must be ordered at purchase, KERN GAB-A04
- **Data interface RS-232**, must be ordered at purchase, KERN KXS-A04
- **Data interface RS-485**, must be ordered at purchase, KERN KXS-A01
- **Bluetooth data interface** for wireless data transfer to PC or tablets, must be ordered at purchase, KERN KXS-A02
- **Foot switch**, must be ordered at purchase, for details see page 181, KERN KXS-A03
- **Suitable printers** see page 177 ff.

### STANDARD



### OPTION




### FACTORY



Model	Weighing range [Max] kg	Readout [d] g	Verification value [e] g	Minimum load [Min] g	Net weight approx. kg	Weighing plate	Options			
							Verification		DAkkS Calibr. Certificate	
							MID KERN		DKD KERN	
IXS 6K-4	6	0,2	-	-	5,1	A	-	-	963-128	
IXS 10K-4	15	0,5	-	-	5,1	A	-	-	963-128	
IXS 10K-4L	15	0,5	-	-	10,5	B	-	-	963-128	
IXS 30K-3	30	1	-	-	10,5	B	-	-	963-128	
IXS 30K-3L	30	1	-	-	20,5	C	-	-	963-128	
IXS 60K-3	60	2	-	-	10,5	B	-	-	963-129	
IXS 60K-3L	60	2	-	-	20,5	C	-	-	963-129	
IXS 100K-3	150	5	-	-	20,5	C	-	-	963-129	
IXS 100K-3L	150	5	-	-	35	D	-	-	963-129	
IXS 300K-2	300	10	-	-	35	D	-	-	963-129	
Dual-range balance switches automatically to the next largest weighing range [Max] and readout [d].										
IXS 6K-3M	3   6	1   2	1   2	20   40	5,1	A	965-228		963-128	
IXS 10K-3M	6   15	2   5	2   5	40   100	5,1	A	965-228		963-128	
IXS 10K-3LM	6   15	2   5	2   5	40   100	10,5	B	965-228		963-128	
IXS 30K-2M	15   30	5   10	5   10	100   200	10,5	B	965-228		963-128	
IXS 30K-2LM	15   30	5   10	5   10	100   200	20,5	C	965-228		963-128	
IXS 60K-2M	30   60	10   20	10   20	200   400	10,5	B	965-229		963-129	
IXS 60K-2LM	30   60	10   20	10   20	200   400	20,5	C	965-229		963-129	
IXS 100K-2M	60   150	20   50	20   50	400   1000	20,5	C	965-229		963-129	
IXS 100K-2LM	60   150	20   50	20   50	400   1000	35	D	965-229		963-129	
IXS 300K-2M	150   300	50   100	50   100	1000   2000	35	D	965-229		963-129	

Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.

# KERN Pictograms:

 <b>Internal adjusting:</b> Quick setting up of the balance's accuracy with internal adjusting weight (motordriven).	 <b>Piece counting:</b> Reference quantities selectable. Display can be switched from piece to weight.	 <b>Suspended weighing:</b> Load support with hook on the underside of the balance.
 <b>Adjusting program CAL:</b> For quick setting up of the balance's accuracy. External adjusting weight required.	 <b>Recipe level A:</b> Separate memory for the weight of the tare container and the recipe ingredients (net total).	 <b>Battery operation:</b> Ready for battery operation. The battery type is specified for each device.
 <b>Memory:</b> Balance memory capacity, e.g. for article data, weighing data, tare weights, PLU etc.	 <b>Recipe level B:</b> Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display.	 <b>Rechargeable battery pack:</b> Rechargeable set.
 <b>Alibi memory:</b> Electronic archiving of weighing results, complying with the 2009/23/EC standard.	 <b>Recipe level C:</b> Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display, adjustment of recipe when dosages are exceeded, multiplier function, barcode.	 <b>Universal mains adapter:</b> with universal input and optional input socket adapters for A) EU, GB B) EU, GB, CH, USA C) EU, GB, CH, USA, AUS
 <b>Data interface RS-232:</b> To connect the balance to a printer, PC or network.	 <b>Totalising level A:</b> The weights of similar items can be added together and the total can be printed out.	 <b>Mains adapter:</b> 230V/50Hz in standard version for EU. On request GB, USA or AUS version available.
 <b>RS-485 data interface:</b> To connect the balance to a printer, PC or other peripherals. High tolerance against electromagnetic disturbance.	 <b>Totalising level C:</b> Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display, adjustment of recipe when dosages are exceeded, multiplier function, barcode recognition.	 <b>Power supply:</b> Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, USA or AUS on request.
 <b>USB data interface:</b> To connect the balance to a printer, PC or other peripherals.	 <b>Weighing principle: Strain gauge</b> Electrical resistor on an elastic deforming body.	 <b>Weighing principle: Tuning fork</b> A resonating body is electromagnetically excited, causing it to oscillate.
 <b>Bluetooth* data interface:</b> To transfer data from the balance to a printer, PC or other peripherals.	 <b>Percentage determination:</b> Determining the deviation in % from the target value (100 %).	 <b>Weighing principle: Electromagnetic force compensation</b> Coil inside a permanent magnet. For the most accurate weighings.
 <b>WLAN data interface:</b> To transfer data from the balance to a printer, PC or other peripherals.	 <b>Weighing units:</b> Can be switched to e.g. non-metric units at the touch of a key. See balance model. Please refer to KERN's website for more details.	 <b>Weighing principle: Single cell technology</b> Advanced version of the force compensation principle with the highest level of precision.
 <b>Control outputs (optocoupler, digital I/O):</b> To connect relays, signal lamps, valves, etc.	 <b>Weighing with tolerance range:</b> Upper and lower limiting values can be programmed individually for e.g. dosing, sorting and portioning.	 <b>Verification possible:</b> The time required for verification is specified in the pictogram.
 <b>Interface for second balance:</b> For direct connection of a second balance.	 <b>Hold function:</b> (Animal weighing program) When the weighing conditions are unstable, a stable weight is calculated as an average value.	 <b>DAKkS calibration possible (DKD):</b> The time required for DAKkS calibration is shown in days in the pictogram.
 <b>Network interface:</b> For connecting the scale to an Ethernet network. With KERN products you can use a universal RS-232/LAN converter.	 <b>Protection against dust and water splashes IPxx:</b> The type of protection is shown in the pictogram.	 <b>Package shipment:</b> The time required for internal shipping preparations is shown in days in the pictogram.
 <b>Wireless data transfer:</b> between the weighing unit and the evaluation unit using an integrated radio module.	 <b>ATEX explosion protection:</b> Suitable for use in hazardous industrial environments, in which there is explosion danger. The ATEX marking is specified for each device.	 <b>Pallet shipment:</b> The time required for internal shipping preparations is shown in days in the pictogram.
 <b>GLP/ISO log:</b> The balance displays the weight, date and time, regardless of a printer connection.	 <b>Stainless steel:</b> The balance is protected against corrosion.	 <b>Warranty:</b> The warranty period is shown in the pictogram.
 <b>GLP/ISO log:</b> With weight, date and time. Only with KERN printers.		

## KERN – Precision is our business

To ensure the high precision of your balance KERN offers you the the appropriate test weight in the international OIML error limit classes E1-M3 from 1 mg - 2000 kg. In combination with a DAKkS calibration certificate the best pre-requisite for proper balance calibration.

The KERN DAKkS calibration laboratory today is one of the most modern and best-equipped DAKkS calibration laboratories for balances, test weights and force-measurement in Europe.

Thanks to the high level of automation, we can carry out DAKkS calibration of

balances, test weights and force-measuring devices 24 hours a day, 7 days a week.

### Range of services:

- DAKkS calibration of balances with a maximum load of up to 50 t
- DAKkS calibration of weights in the range of 1 mg – 2500 kg
- Database supported management of checking equipment and reminder service
- Calibration of force-measuring devices
- DAKkS calibration certificates in the following languages D, GB, F, I, E, NL, PL

## Your KERN specialist dealer: