

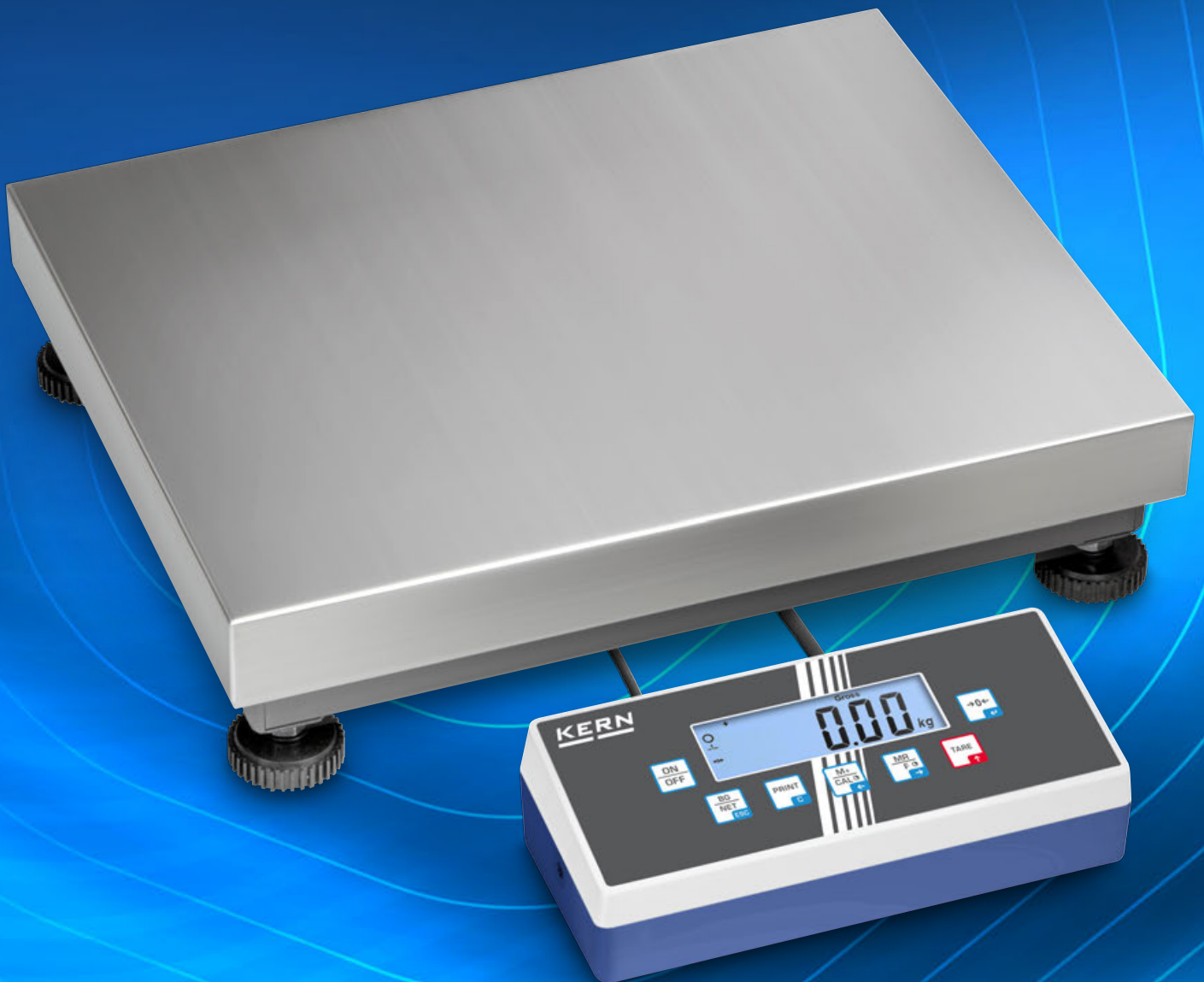
EN



Please note:  
**New prices** - valid from  
**July 1, 2022**  
see: [www.kern-sohn.com](http://www.kern-sohn.com)

**KERN**<sup>®</sup>

# Parcel scales/ Platform scales



# 2022



PROFESSIONAL MEASURING

# KERN Pictograms



## Internal adjusting:

Quick setting up of the balance's accuracy with internal adjusting weight (motordriven)



## Adjusting program CAL:

For quick setting up of the balance's accuracy. External adjusting weight required



## Easy Touch:

Suitable for the connection, data transmission and control through PC or tablet. For details see page 123



## Memory:

Balance memory capacity, e.g. for article data, weighing data, tare weights, PLU etc.



## Alibi memory:

Secure, electronic archiving of weighing results, complying with the 2014/31/EU standard. For details see page 215



## Data interface RS-232:

To connect the balance to a printer, PC or network



## RS-485 data interface:

To connect the balance to a printer, PC or other peripherals. Suitable for data transfer over large distances. Network in bus topology is possible



## USB data interface:

To connect the balance to a printer, PC or other peripherals



## Bluetooth\* data interface:

To transfer data from the balance to a printer, PC or other peripherals



## WiFi data interface:

To transfer data from the balance to a printer, PC or other peripherals



## Control outputs (optocoupler, digital I/O):

To connect relays, signal lamps, valves, etc.



## Analogue interface:

to connect a suitable peripheral device for analogue processing of the measurements



## Interface for second balance:

For direct connection of a second balance



## Network interface:

For connecting the scale to an Ethernet network



## KERN Communication Protocol (KCP):

It is a standardized interface command set for KERN balances and other instruments, which allows retrieving and controlling all relevant parameters and functions of the device. KERN devices featuring KCP are thus easily integrated with computers, industrial controllers and other digital systems



## GLP/ISO log:

The balance displays serial number, user ID, weight, date and time, regardless of a printer connection



## GLP/ISO log:

With weight, date and time. Only with KERN printers, see page 163–165



## Piece counting:

Reference quantities selectable. Display can be switched from piece to weight



## Recipe level A:

The weights of the recipe ingredients can be added together and the total weight of the recipe can be printed out



## Recipe level B:

Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display



## Totalising level A:

The weights of similar items can be added together and the total can be printed out



## Percentage determination:

Determining the deviation in % from the target value (100 %)



## Weighing units:

Can be switched to e.g. nonmetric units. See balance model. Please refer to KERN's website for more details



## Weighing with tolerance range:

(Checkweighing) Upper and lower limiting can be programmed individually, e.g. for sorting and dosing. The process is supported by an audible or visual signal, see the relevant model



## Hold function:

(Animal weighing program) When the weighing conditions are unstable, a stable weight is calculated as an average value



## Protection against dust and water splashes IPxx:

The type of protection is shown in the pictogram. For details see page 53



## Suspended weighing:

Load support with hook on the underside of the balance



## Battery operation:

Ready for battery operation. The battery type is specified for each device



## Rechargeable battery pack:

Rechargeable set



## Universal plug-in power supply:

with universal input and optional input socket adapters for  
A) EU, CH, GB  
B) EU, CH, GB, USA  
C) EU, CH, GB, USA, AUS



## Plug-in power supply:

230V/50Hz in standard version for EU, CH. On request GB, USA or AUS version available



## Integrated power supply unit:

Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, USA or AUS on request



## Weighing principle: Strain gauges

Electrical resistor on an elastic deforming body



## Weighing principle: Tuning fork

A resonating body is electromagnetically excited, causing it to oscillate



## Weighing principle: Electromagnetic force compensation

Coil inside a permanent magnet. For the most accurate weighings



## Weighing principle: Single cell technology:

Advanced version of the force compensation principle with the highest level of precision



## Verification possible:

The time required for verification is specified in the pictogram



## DAKkS calibration possible (DKD):

The time required for DAKkS calibration is shown in days in the pictogram



## Factory calibration (ISO):

The time required for Factory calibration is shown in days in the pictogram



## Package shipment:

The time required for internal shipping preparations is shown in days in the pictogram



## Pallet shipment:

The time required for internal shipping preparations is shown in days in the pictogram



# KERN – Measuring technology and testing services from a single source



**Balances & Test service catalogue**

Provides a complete overview of the KERN line of balances, test weights, and services such as verification, calibration, etc.



**Medical scales catalogue**

Complete line of medical scales, from infant scales to patient scales, chair scales and adiposity scales, as well as hand grip dynamometers, chemist's balances and veterinary scales.



**Microscopes & refractometers catalogue**

Extensive range in the area of optical instruments, such as, biological microscopes, stereo microscopes, metallurgical microscopes, polarisation microscopes as well as analogue and digital refractometers.



**SAUTER measuring equipment catalogue**

Test instruments for industry and commerce, such as force, coating thickness, material thickness and calibration service.



**DAkkS calibration service brochure**

Detailed information on topics pertaining to the calibration and verification of balances, test weights, and force measuring devices.

## Your advantages

### fast

- 24 hours delivery service for products in stock – ordered today, on its way tomorrow
- Sales & service hotline available from 8:00 am to 6:00 pm

### reliable

- Up to 3 years warranty
- Precision in weighing technology for more than 175 years

### competent

- DAkkS accreditation DIN EN ISO/IEC 17025
- Certified QM system DIN EN ISO 9001
- Authorisation for initial verification by the manufacturer 2014/31/EU
- Medical certifications DIN EN ISO 13485 and 93/42/EWG

### versatile

- One-stop shopping: from pocket balances through to 12 t crane balance – everything from one supplier
- Find the product you want at lightning speed with the “Balance Quick-Finder” at [www.kern-sohn.com](http://www.kern-sohn.com)



#### Order hotline

+49 7433 9933-0



#### Service hotline

+49 7433 9933-199



#### Calibration hotline

+49 7433 9933-196



#### Our team of consultants will assist you

from Monday to Friday  
from 8:00 am to 6:00 pm



#### Online Shop

[www.kern-sohn.com](http://www.kern-sohn.com)



#### E-mail order

[info@kern-sohn.com](mailto:info@kern-sohn.com)



#### Fax order

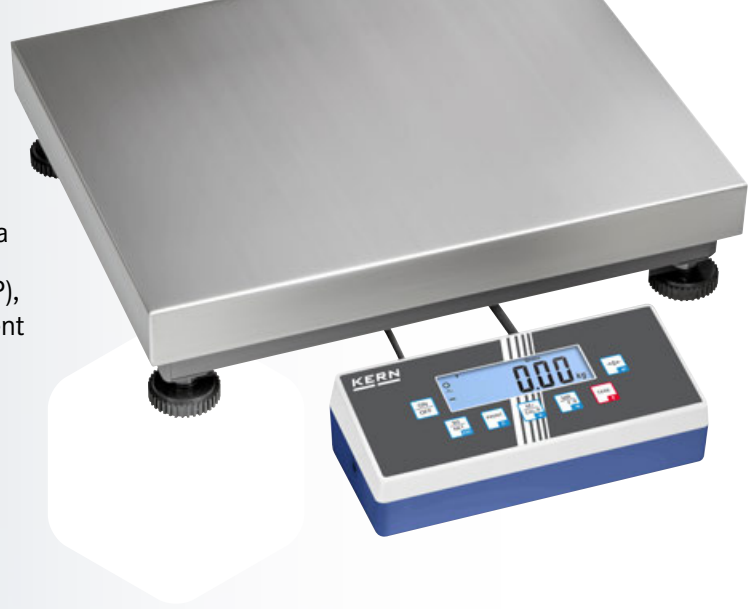
+49 7433 9933-149



#### [www.kern-sohn.com](http://www.kern-sohn.com)

Information on current product availability, product data sheets, user instructions, useful knowledge, technical glossary, images and much for you to download, practical topic areas, which will guide you to the right product in your industry as well as a clever test weight and balance search engine.

- > Industry 4.0: A wide range of (optional) data interfaces allows easy transfer of weighing data
- > Integrated KERN Communication Protocol (KCP), ideal for connecting an Merchandise Management or ERP system
- > Compatible with KERN EasyTouch App





## Parcel scales/Platform scales

Here you'll find a complete summary of the KERN platform scales series and their positioning within the platform scales segment on the basis of application, price-performance ratio and functional volume



Precision platform scales

		★★★
	DS	★★
		★

### STAINLESS STEEL PLATFORM SCALES

		★★★
▶ Page 63	 SXS	▶ Page 64
	SFB	★★
		★

### PLATFORM SCALES WITH STAINLESS STEEL DISPLAY

		★★★
	SFE	★★
	IXS	★

### INDUSTRIAL PLATFORM SCALES

		★★★
	EOC	★★
	IFB	★
	IOC	
	IFS	▶ Page 78

### PARCEL SCALES

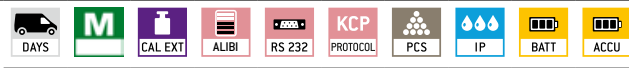
		★★★
	EOE	★★
	EOB	★
	EOS	
	DE	

# Quick-Finder Parcel scales/Platform scales

Readability [d] g	Weighing capacity [Max] kg	Weighing plate W×D×H mm	Model	Page								
					For an explanation on the pictos, see front flap							
					KERN							
0,01	3	228×228×95	DS 3K0.01S	98	1	●	●	●	●	●	●	○
0,05	5	228×228×95	DS 5K0.05S	98	1	●	●	●	●	●	●	○
0,05	8	308×318×75	DS 8K0.05	98	1	●	●	●	●	●	●	○
0,1	3	230×230×110	IFB 3K-4	97	1	●	●	●	●	●	●	○
0,1	10	228×228×95	DS 10K0.1S	98	1	●	●	●	●	●	●	○
0,1	16	315×308×75	DS 16K0.1	98	1	●	●	●	●	●	●	○
0,1	20	308×318×75	DS 20K0.1	98	1	●	●	●	●	●	●	○
0,1	30	308×318×75	DS 30K0.1	98	1	●	●	●	●	●	●	○
0,1	30	450×350×115	DS 30K0.1L	98	1	●	●	●	●	●	●	○
0,1   0,2	3   6	300×300×110	IOC 6K-4	95	1	●	○	●	●	●	●	○
0,2	6	230×230×110	IFB 6K-4S	97	1	●	●	●	●	●	●	○
0,2	6	300×240×110	IFB 6K-4	97	1	●	●	●	●	●	●	○
0,2	6	300×240×86	IXS 6K-4	100	1	●	○	●	●	●	●	○
0,2	36	308×318×75	DS 36K0.2	98	1	●	●	●	●	●	●	○
0,2	36	450×350×115	DS 36K0.2L	98	1	●	●	●	●	●	●	○
0,2	60	450×350×115	DS 60K0.2	98	1	●	●	●	●	●	●	○
0,2   0,5	6   15	300×240×110	IOC 10K-4	95	1	●	○	●	●	●	●	○
0,2   0,5	6   15	318×308×88	DE 15K0.2D	91	1	●	●	●	●	●	●	○
0,2   0,5	6   15	300×300×110	EOC 10K-4	93	1	●	●	●	●	●	●	○
0,2   0,5	6   15	400×300×110	IOC 10K-4L	95	1	●	○	●	●	●	●	○
0,5	6	318×308×75	DE 6K0.5A	91	1	●	●	●	●	●	●	○
0,5	6	300×300×110	EOC 6K-4A	93	1	●	●	●	●	●	●	○
0,5	15	300×240×110	IFB 10K-4	97	1	●	●	●	●	●	●	○
0,5	15	400×300×128	IFB 10K-4L	97	1	●	●	●	●	●	●	○
0,5	15	300×240×86	IXS 10K-4	100	1	●	○	●	●	●	●	○
0,5	15	400×300×89	IXS 10K-4L	100	1	●	○	●	●	●	●	○
0,5	65	450×350×115	DS 65K0.5	98	1	●	●	●	●	●	●	○
0,5	100	450×350×115	DS 100K0.5	98	1	●	●	●	●	●	●	○
0,5   1	15   30	400×300×110	IOC 30K-4	95	1	●	○	●	●	●	●	○
0,5   1	15   35	318×308×88	DE 35K0.5D	91	1	●	●	●	●	●	●	○
0,5   1	15   35	300×300×110	EOC 30K-4S	93	1	●	●	●	●	●	●	○
0,5   1	15   35	500×400×120	EOC 30K-4	93	1	●	●	●	●	●	●	○
1	12	318×308×75	DE 12K1A	91	1	●	●	●	●	●	●	○
1	12	300×300×110	EOC 10K-3A	93	1	●	●	●	●	●	●	○
1	30	400×300×128	IFB 30K-3	97	1	●	●	●	●	●	●	○
1	30	400×300×89	IXS 30K-3	100	1	●	○	●	●	●	●	○
1	30	500×400×123	IXS 30K-3L	100	1	●	○	●	●	●	●	○
1	150	450×350×115	DS 150K1	98	1	●	●	●	●	●	●	○
1   2	3   6	318×308×75	DE 6K1D	91	1	●	●	●	●	●	●	○
1   2	3   6	300×300×110	EOC 6K-3	93	1	●	●	●	●	●	●	○
1   2	3   6	300×300×110	IOC 6K-3M	95	1	○	●	○	●	●	●	○
1   2	3   6	300×240×110	IFB 6K1DM	97	1	○	●	○	●	●	●	○
1   2	3   6	230×230×110	IFB 6K-3SM	97	1	○	●	○	●	●	●	○
1   2	3   6	300×240×86	IXS 6K-3M	100	1	○	●	○	●	●	●	○
1   2	30   60	318×308×88	DE 60K1D	91	1	●	●	●	●	●	●	○
1   2	30   60	400×300×110	IOC 60K-3	95	1	●	○	●	●	●	●	○
1   2	30   60	500×400×120	IOC 60K-3L	95	1	●	○	●	●	●	●	○
1   2	30   60	522×406×98	DE 60K1DL	91	1	●	●	●	●	●	●	○
1   2	30   60	300×300×110	EOC 60K-3	93	1	●	●	●	●	●	●	○
1   2	30   60	500×400×120	EOC 60K-3L	93	1	●	●	●	●	●	●	○
2	6	300×240×110	SFE 6K-3NM	99	1	○	●	○	●	●	●	○
2	24	318×308×75	DE 24K2A	91	1	●	●	●	●	●	●	○
2	24	300×300×110	EOC 20K-3A	93	1	●	●	●	●	●	●	○
2	60	400×300×128	IFB 60K-3	97	1	●	●	●	●	●	●	○
2	60	500×400×130	IFB 60K-3L	97	1	●	●	●	●	●	●	○
2	60	400×300×89	IXS 60K-3	100	1	●	○	●	●	●	●	○
2	60	500×400×123	IXS 60K-3L	100	1	●	○	●	●	●	●	○
2   5	6   15	318×308×75	DE 15K2D	91	1	●	●	●	●	●	●	○
2   5	6   12	300×300×110	EOC 10K-3	93	1	●	●	●	●	●	●	○
2   5	6   15	300×240×110	IOC 10K-3M	95	1	○	●	○	●	●	●	○
2   5	6   15	400×300×110	IOC 10K-3LM	95	1	○	●	○	●	●	●	○
2   5	6   15	300×240×110	IFB 15K2DM	97	1	○	●	○	●	●	●	○
2   5	6   15	400×300×128	IFB 15K2DLM	97	1	○	●	○	●	●	●	○
2   5	6   15	300×240×86	IXS 10K-3M	100	1	○	●	○	●	●	●	○
2   5	6   15	400×300×89	IXS 10K-3LM	100	1	○	●	○	●	●	●	○
2   5	60   150	318×308×88	DE 150K2D	91	1	●	●	●	●	●	●	○
2   5	60   150	300×300×110	EOC 100K-3	93	1	●	●	●	●	●	●	○
2   5	60   150	500×400×120	IOC 100K-3	95	1	●	○	●	●	●	●	○
2   5	60   150	522×406×98	DE 150K2DL	91	1	●	●	●	●	●	●	○
2   5	60   150	500×400×120	EOC 100K-3L	93	1	●	●	●	●	●	●	○



# Quick-Finder Parcel scales/Platform scales

Readability [d] g	Weighing capacity [Max] kg	Weighing plate W×D×H mm	Model	Page												
					For an explanation on the pictos, see front flap											
					KERN											
2   5	60   150	650×500×150	<b>IOC 100K-3L</b>	95	1	●	○	●	●	●	●	●	●	●	●	●
5	15	315×305×57	<b>EOE 10K-3</b>	88	1	●										●
5	15	315×305×57	<b>EOB 15K5</b>	89	1	●										●
5	15	300×240×110	<b>SFE 10K-3NM</b>	99	1	○	●							●		●
5	15	400×300×130	<b>SFE 10K-3LNM</b>	99	1	○	●							●		●
5	60	318×308×75	<b>DE 60K5A</b>	91	1	●			●				●		●	○
5	60	300×300×110	<b>EOC 60K-3A</b>	93	1	●			●	●			●			○
5	150	500×400×130	<b>IFB 100K-3</b>	97	1	●			●	●			●			○
5	150	650×500×142	<b>IFB 100K-3L</b>	97	1	●			●	●			●			○
5	150	500×400×123	<b>IXS 100K-3</b>	100	1	●			○				●			○
5	150	650×500×133,5	<b>IXS 100K-3L</b>	100	2*	●			○				●			○
5   10	15   35	318×308×75	<b>DE 35K5D</b>	91	1	●			●				●		●	○
5   10	15   35	522×403×83	<b>DE 35K5DL</b>	91	1	●			●				●		●	○
5   10	15   35	300×300×110	<b>EOC 30K-3</b>	93	1	●			●	●			●			○
5   10	15   35	500×400×120	<b>EOC 30K-3L</b>	93	1	●			●	●			●			○
5   10	15   30	400×300×110	<b>IOC 30K-3M</b>	95	1	○	●		○	●	●		●			○
5   10	15   30	400×300×128	<b>IFB 30K5DM</b>	97	1	○	●		○	●	●		●			○
5   10	15   30	400×300×89	<b>IXS 30K-2M</b>	100	1	○	●		○				●			○
5   10	15   30	500×400×123	<b>IXS 30K-2LM</b>	100	1	○	●		○				●			○
5   10	150   300	522×406×98	<b>DE 300K5DL</b>	91	1	●			○				●		●	○
5   10	150   300	500×400×120	<b>EOC 300K-3</b>	93	1	●			○	●	●		●			○
5   10	150   300	650×500×150	<b>IOC 300K-3</b>	95	1	●	○	●	●	●			●			○
10	30	300×240×110	<b>SFE 30K-2NM</b>	99	1	○	●						●			●
10	35	315×305×57	<b>EOE 30K-2</b>	88	1	●										●
10	35	315×305×57	<b>EOB 35K10</b>	89	1	●										●
10	120	318×308×75	<b>DE 120K10A</b>	91	1	●			○				●		●	○
10	120	500×400×120	<b>EOC 100K-2A</b>	93	1	●			○	●	●		●			○
10	300	650×500×142	<b>IFB 300K-2</b>	97	1	●			○	●	●		●			○
10	300	650×500×133,5	<b>IXS 300K-2</b>	100	2*	●			○				●			○
10   20	30   60	318×308×75	<b>DE 60K10D</b>	91	1	●			○				●		●	○
10   20	30   60	522×403×83	<b>DE 60K10DL</b>	91	1	●			○				●		●	○
10   20	30   60	300×300×110	<b>EOC 60K-2</b>	93	1	●			○	●	●		●			○
10   20	30   60	500×400×120	<b>EOC 60K-2L</b>	93	1	●			○	●	●		●			○
10   20	30   60	400×300×110	<b>IOC 60K-2M</b>	95	1	○	●		○	●	●		●			○
10   20	30   60	500×400×120	<b>IOC 60K-2LM</b>	95	1	○	●		○	●	●		●			○
10   20	30   60	400×300×128	<b>IFB 60K10DM</b>	97	1	○	●		○	●	●		●			○
10   20	30   60	500×400×130	<b>IFB 60K10DLM</b>	97	1	○	●		○	●	●		●			○
10   20	30   60	400×300×89	<b>IXS 60K-2M</b>	100	1	○	●		○				●			○
10   20	30   60	500×400×123	<b>IXS 60K-2LM</b>	100	1	○	●		○				●			○
10   20	300   600	800×600×200	<b>IOC 600K-2</b>	95	2*	●	○	●	●	●			●			○
20	60	315×305×57	<b>EOE 60K-2</b>	88	1	●										●
20	60	550×550×58	<b>EOE 60K-2L</b>	88	1	●										●
20	60	315×305×57	<b>EOB 60K20</b>	89	1	●										●
20	60	550×550×58	<b>EOB 60K20L</b>	89	1	●										●
20	60	400×300×130	<b>SFE 60K-2NM</b>	99	1	○	●						●			●
20	60	500×400×140	<b>SFE 60K-2LNM</b>	99	1	○	●						●			●
20	600	800×600×200	<b>IFB 600K-2</b>	97	2*	●			○	●	●		●			○
20   50	60   150	318×308×75	<b>DE 150K20D</b>	91	1	●			○				●		●	○
20   50	60   150	522×403×83	<b>DE 150K20DL</b>	91	1	●			○				●		●	○
20   50	60   150	650×500×89	<b>DE 150K20DXL</b>	91	1	●			○				●		●	○
20   50	60   150	300×300×110	<b>EOC 100K-2</b>	93	1	●			○	●	●		●			○
20   50	60   150	500×400×120	<b>EOC 100K-2L</b>	93	1	●			○	●	●		●			○
20   50	60   150	600×500×150	<b>EOC 100K-2XL</b>	93	1	●			○	●	●		●			○
20   50	60   150	950×500×60	<b>EOC 100K-2XXL</b>	93	1	●			○	●	●		●			○
20   50	60   150	500×400×120	<b>IOC 100K-2M</b>	95	1	○	●		○	●	●		●			○
20   50	60   150	650×500×150	<b>IOC 100K-2LM</b>	95	1	○	●		○	●	●		●			○
20   50	60   150	500×400×130	<b>IFB 150K20DM</b>	97	1	○	●		○	●	●		●			○
20   50	60   150	650×500×142	<b>IFB 150K20DLM</b>	97	1	○	●		○	●	●		●			○
20   50	60   150	500×400×123	<b>IXS 100K-2M</b>	100	1	○	●		○				●			○
20   50	60   150	650×500×133,5	<b>IXS 100K-2LM</b>	100	2*	○	●		○				●			○
50	150	315×305×57	<b>EOE 100K-2</b>	88	1	●										●
50	150	550×550×58	<b>EOE 150K50L</b>	88	1	●										●
50	150	950×500×58	<b>EOE 150K50XL</b>	88	1	●										●
50	150	315×305×57	<b>EOB 150K50</b>	89	1	●										●
50	150	550×550×58	<b>EOB 150K50L</b>	89	1	●										●
50	150	950×500×58	<b>EOB 150K50XL</b>	89	1	●										●
50	150	950×500×58	<b>EOS 150K50XL</b>	90	1	●										●
50	150	400×300×130	<b>SFE 100K-2NM</b>	99	1	○	●						●			●
50	150	500×400×140	<b>SFE 100K-2LNM</b>	99	1	○	●						●			●
50	150	650×500×140	<b>SFE 100K-2XLNM</b>	99	1	○	●						●			●

# Quick-Finder Parcel scales/Platform scales

Readability [d] g	Weighing capacity [Max] kg	Weighing plate W×D×H mm	Model	Page										
					For an explanation on the pictos, see front flap									
50   100	150   300	522×403×83	<b>DE 300K50D</b>	91	1	●						●	●	○
50   100	150   300	650×500×95	<b>DE 300K50DL</b>	91	1	●						●	●	○
50   100	150   300	500×400×120	<b>EOC 300K-2</b>	93	1	●						●		○
50   100	150   300	600×500×150	<b>EOC 300K-2L</b>	93	1	●						●		○
50   100	150   300	650×500×150	<b>IOC 300K-2M</b>	95	1	○	●	○				●		○
50   100	150   300	650×500×142	<b>IFB 300K50DM</b>	97	1	○	●					●		○
50   100	150   300	650×500×133,5	<b>IXS 300K-2M</b>	100	2*	○	●	○				●		○
100	300	315×305×57	<b>EOE 300K100</b>	88	1	●							●	
100	300	550×550×58	<b>EOE 300K100L</b>	88	1	●							●	
100	300	950×500×58	<b>EOE 300K100XL</b>	88	1	●							●	
100	300	315×305×57	<b>EOB 300K100A</b>	89	1	●							●	
100	300	550×550×58	<b>EOB 300K100L</b>	89	1	●							●	
100	300	950×500×58	<b>EOB 300K100XL</b>	89	1	●							●	
100	300	950×500×58	<b>EOS 300K100XL</b>	90	1	●							●	
100	300	650×500×140	<b>SFE 300K-1LNM</b>	99	1	○	●					●		●
100   200	300   600	800×600×200	<b>IOC 600K-1M</b>	95	2*	○	●	○				●		○
100   200	300   600	800×600×200	<b>IFB 600K-1M</b>	97	2*	○	●					●		○

News 2022

\* Shipment via freight forwarder. Please ask for dimensions, gross weight, shipping costs

● = standard ○ = option



Parcel scales with big platform for fast and easy weighing in the office, production, dispatch etc.

**Features**

- High mobility: thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations
- Wall mount for display device, standard
- Hold function: When the weighing conditions are unstable, a stable weight is calculated determining an average value

**Technical data**

- Large LCD display, digit height 25 mm
- Weighing plate dimensions, steel, painted W×D×H
  - A** 315×305×57 mm
  - B** 550×550×58 mm, see larger picture
  - C** 950×550×58 mm
- Dimensions of display device W×D×H 235×114×51 mm
- Cable length display device, spiral cable, approx. 0.7 – 2 m
- Optional battery operation, 4×1.5 V AA not included in scope of delivery, operating time up to 100 h
- Permissible ambient temperature 5 °C/35 °C

**Accessories**

- Protective working cover over the display device, scope of delivery: 5 items, KERN EOB-A04BS05
- Stand to elevate display device, for models with weighing plate size **A**, column height approx. 480 mm KERN EOB-A01N
- Stand to elevate display device, height of stand approx. 1000 mm, can be reordered, KERN EOB-A02B
- External universal mains adapter, with universal input and optional input socket adapters for EU, GB, USA, KERN YKA-16
- Non-slip rubber mat W×D×H 945×505×5 mm, KERN EOE-A01

STANDARD



OPTION



Model	Weighing capacity [Max] kg	Readability [d] g	Reproducibility g	Weighing plate	Net weight approx. kg	Option	
						DAKKS	DAKKS Calibr. Certificate
<b>KERN</b>							
EOE 10K-3	15	5	5	<b>A</b>	4,0		963-128
EOE 30K-2	35	10	10	<b>A</b>	4,0		963-128
EOE 60K-2	60	20	20	<b>A</b>	3,8		963-129
EOE 60K-2L	60	20	20	<b>B</b>	14		963-129
EOE 100K-2	150	50	50	<b>A</b>	4		963-129
EOE 150K50L	150	50	50	<b>B</b>	14		963-129
EOE 150K50XL	150	50	50	<b>C</b>	18		963-129
EOE 300K100	300	100	100	<b>A</b>	3,6		963-129
EOE 300K100L	300	100	100	<b>B</b>	14		963-129
EOE 300K100XL	300	100	100	<b>C</b>	18		963-129





Allround parcel scale with robust stainless steel weighing plate  
 – also with XL platform and large weighing ranges

**Features**

- Weighing plate stainless steel, painted steel base
- Simple and convenient 4-key operation
- Wall mount for display device, standard
- Hold function: When the weighing conditions are unstable, a stable weight is calculated determining an average value
- Protective working cover included with delivery
- Universal external mains adapter included with delivery

**Technical data**

- Large LCD display, digit height 25 mm
- Weighing plate dimensions, stainless steel W×D×H
  - A 315×305×57 mm
  - B 550×550×58 mm, see larger picture
  - C 950×500×58 mm
- Dimensions of display device W×D×H 235×114×51 mm
- Cable length of display device approx. 1,8 m
- Optional battery operation, 4×1.5 V AA not included in scope of delivery, operating time up to 60 h
- Permissible ambient temperature 5 °C/35 °C

**Accessories**

- Protective working cover over the display device, scope of delivery: 5 items, KERN EOB-A04BS05
- 1 Stand to elevate display device, height of stand approx. 1000 mm, can be reordered, KERN EOB-A02B
- 2 Stand to elevate display device Column height approx. 480 mm, KERN EOB-A01N
- Non-slip rubber mat W×D×H 945×505×5 mm, KERN EOE-A01

STANDARD

CAL EXT UNIT MOVE BATT MULTI DMS 1 DAY

OPTION

DAKKS +3 DAYS

Model	Weighing capacity [Max] kg	Readability [d] g	Reproducibility g	Linearity g	Net weight approx. kg	Weighing plate	Option	
							DAKKS Calibr. Certificate	
							DAKKS	KERN
EOB 15K5	15	5	5	± 10	3,8	A	963-128	
EOB 35K10	35	10	10	± 20	3,8	A	963-128	
EOB 60K20	60	20	20	± 40	3,8	A	963-129	
EOB 60K20L	60	20	20	± 40	15	B	963-129	
EOB 150K50	150	50	50	± 100	3,8	A	963-129	
EOB 150K50L	150	50	50	± 100	11	B	963-129	
EOB 150K50XL	150	50	50	± 100	17	C	963-129	
EOB 300K100A	300	100	100	± 200	4,6	A	963-129	
EOB 300K100L	300	100	100	± 200	14	B	963-129	
EOB 300K100XL	300	100	100	± 200	19	C	963-129	



## Heavy duty parcel and veterinary platform scale with extra large stainless steel weighing plate

### Features

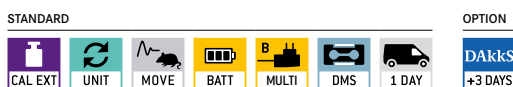
- Weighing plate stainless steel, painted steel base
- Simple and convenient 4-key operation
- Wall mount for display device, standard
- Hold function: When the weighing conditions are unstable, a stable weight is calculated determining an average value: The scale can be easily transported using rollers and a handle and does not require much storage space
- **1** Protective working cover included with delivery: Non-slip rubber mat included with delivery
- Universal external mains adapter included with delivery

### Technical data

- Large LCD display, digit height 25 mm
- **A** Weighing plate dimensions, stainless steel W×D×H, 950×500×58 mm
- Dimensions of display device W×D×H 235×114×51 mm
- Cable length of display device approx. 2,7 m (Spiral cable)
- Optional battery operation, 4×1.5 V AA not included in scope of delivery, operating time up to 60 h
- Permissible ambient temperature 5 °C/35 °C

### Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERN EOB-A04BS05
- **2** Stand to elevate display device, height of stand approx. 1000 mm, can be reordered, KERN EOB-A02B
- Non-slip rubber mat W×D×H 950×500×5 mm, KERN EOE-A01



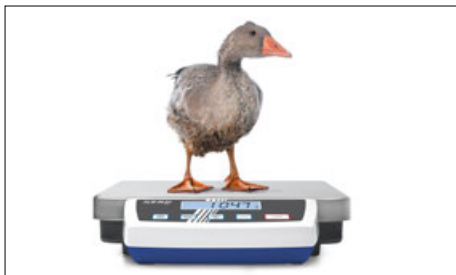
Model	Weighing capacity [Max] kg	Readability [d] g	Reproducibility g	Linearity g	Net weight approx. kg	Option	
						DAKkS KERN	DAKkS Calibr. Certificate
KERN EOS 150K50XL	150	50	50	± 100	17	963-129	
KERN EOS 300K100XL	300	100	100	± 200	17	963-129	



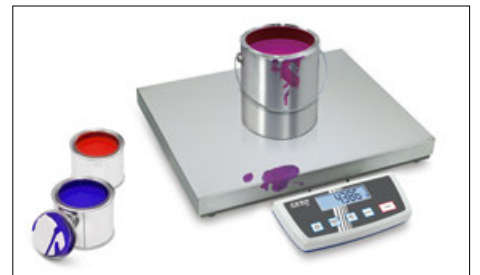
The long lasting story of success with dust and spray protected display device



Piece counting



Animal weighing



Recipe-weighing



**Features**

- High mobility: thanks to battery operation/ rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations (production, warehouse, dispatch department etc.)
- Display device flexible positioning e. g. free-standing or screwed to the wall
- **1** Display device: Plastics, protection against dust and water splashes IP65
- Weighing plate stainless steel, painted steel base
- PRE-TARE function for manual subtraction of a known container weight, useful for checking fill-levels
- With the recipe function you can weigh the different ingredients of a mixture. As a check, you can also call up the total weight of all the ingredients
- Freely programmable weighing unit, e.g. display direct in special units such as length of thread g/m, paper weight g/m<sup>2</sup>, or similar

- Protective working cover included with delivery

**Technical data**

- Large backlit LCD display, digit height 25 mm
- Weighing plate dimensions, stainless steel W×D×H
  - A** 318×308×75 mm
  - B** 318×308×88 mm
  - C** 522×406×98 mm, see larger picture
  - D** 522×403×83 mm
  - E** 650×500×89 mm
- Dimensions of display device, W×D×H 225×110×45 mm
- Optional battery operation, 9 V block not included in scope of delivery, operating time up to 12 h
- Permissible ambient temperature 5 °C/35 °C

**Accessories**

- Protective working cover over the display device, scope of delivery: 5 items, KERN DE-A12S05
- Internal rechargeable battery pack, operating time up to 30 h without backlight, charging time approx. 10 h, KERN NDE-A02
- Mount to fasten the display device to the platform, for models with weighing plate size **B**, **C**, can be reordered, KERN DE-A11N
- Wall mount for display device, KERN DE-A13
- **2** Stand to elevate display device, height of stand approx. 480 mm, can be reordered, KERN DE-A10
- Individual header data: the free software SHM-01 can be used to print header lines on the printout when using printers YKN-01 and YKB-01N
- Further details, plenty of further accessories and suitable printers see *Accessories*

STANDARD

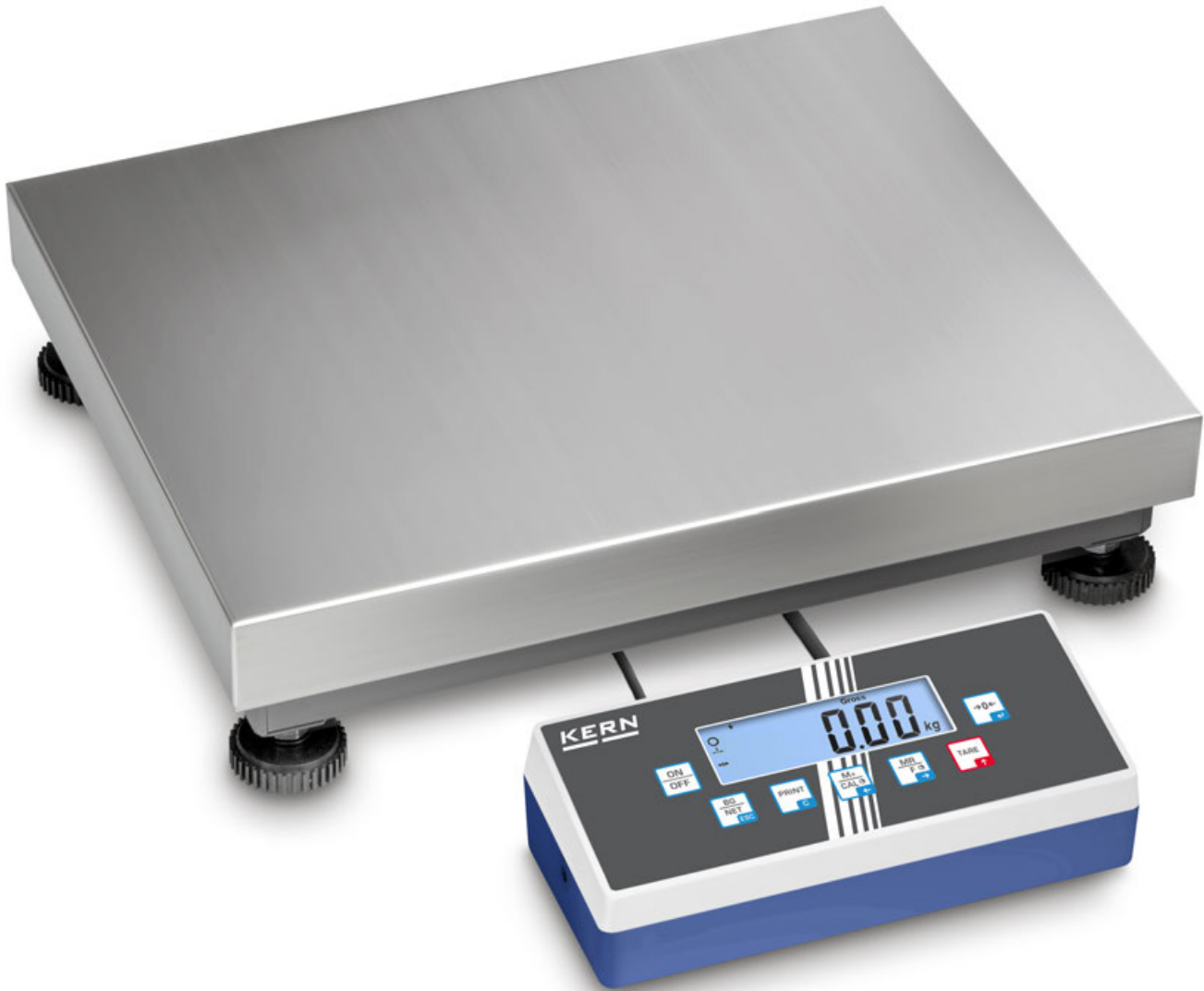


OPTION



Model	Weighing capacity [Max] kg	Readability [d] g	Reproducibility g	Linearity g	Smallest part weight [Normal] g/piece	Cable length approx. m	Net weight approx. kg	Weighing plate	Option	
									DAkKS	DAkKS Calibr. Certificate
Dual-range balance switches automatically to the next largest weighing capacity [Max] and readability [d]										
DE 6K1D	3   6	1   2	1   2	± 3   6	40	1,4	4,8	A	963-128	
DE 15K2D	6   15	2   5	2   5	± 6   15	100	1,4	4,8	A	963-128	
DE 35K5D	15   35	5   10	5   10	± 15   30	100	1,4	4,8	A	963-128	
DE 35K5DL	15   35	5   10	5   10	± 15   30	100	1,4	16	D	963-128	
DE 60K10D	30   60	10   20	10   20	± 30   60	200	1,4	4,8	A	963-129	
DE 60K10DL	30   60	10   20	10   20	± 30   60	200	1,4	16	D	963-129	
DE 150K20D	60   150	20   50	20   50	± 60   150	400	1,5	5	A	963-129	
DE 150K20DL	60   150	20   50	20   50	± 60   150	400	1,5	16	D	963-129	
DE 150K20DXL	60   150	20   50	20   50	± 60   150	400	1,4	28	E	963-129	
DE 300K50D	150   300	50   100	50   100	± 150   300	2000	1,25	16	D	963-129	
DE 300K50DL	150   300	50   100	50   100	± 150   300	2000	1,05	28	E	963-129	
Dual-range balance with high resolution readability										
DE 15K0.2D	6   15	0,2   0,5	0,2   0,5	± 0,8   2	4	1	4	B	963-128	
DE 35K0.5D	15   35	0,5   1	0,5   1	± 2   4	10	1	7	B	963-128	
DE 60K1D	30   60	1   2	1   2	± 4   8	20	1,47	7	B	963-129	
DE 60K1DL	30   60	1   2	1   2	± 4   8	20	1,4	15	C	963-129	
DE 150K2D	60   150	2   5	2   5	± 8   20	40	1,6	7	B	963-129	
DE 150K2DL	60   150	2   5	2   5	± 8   20	40	1,4	15	C	963-129	
DE 300K5DL	150   300	5   10	5   10	± 20   40	100	1,4	15	C	963-129	





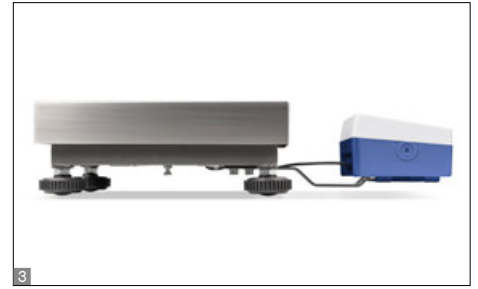
Robust and high-resolution platform scale with practical Flip/Flop display device for greatest ease of use



Weighing instead of counting!  
Because the counting function is so easy to use, you can rapidly record large numbers of small parts – which saves time and money

Practical Flip/Flop display device: flexible positioning e.g. free-standing or screwed to the wall (optional). By rotating the upper housing shell you can determine the angle of the display as well as the cable outlet.

Conversion of the display device, Factory Option for an additional cost, delivery time + 2 working days, KERN KIB-M01, see Accessories on the right, please indicate when placing your order



**Features**

- High mobility: thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations (laboratory, production, quality control, commissioning etc.)
- **1** Platform: weighing plate stainless steel, painted steel base, silicone-coated aluminium load cell, protection against dust and water splashes IP65. Level indicator and levelling feet for precise levelling of the scale, fitted as standard, to give the most accurate weighing result
- Weighing with tolerance range (checkweighing): a visual and audible signal helps with portioning, dispensing or grading
- Hold function: When the weighing conditions are unstable, a stable weight is calculated determining an average value
- Benchtop stand incl. wall mount for display device as standard
- Protective working cover included with delivery

- Searching and remote control of the balance using external control devices or computers with the KERN Communication Protocol (KCP). KCP is a standardised interface command structure for KERN balances and other instruments which allows you to recall and manage all relevant parameters and device functions. You can therefore simply connect KERN devices with KCP to computers, industrial control systems and other digital systems. In a large number of cases the KCP is compatible with the MT-SICS protocol.

**Technical data**

- Large backlit LCD display, digit height 25 mm
- Weighing plate dimensions W×D×H
  - A** 300×300×110 mm
  - B** 500×400×120 mm, see larger picture
  - C** 600×500×150 mm
  - D** 950×500×60 mm
- Dimensions of display device W×D×H 268×115×80 mm
- Permissible ambient temperature -10 °C/40 °C

**Accessories**

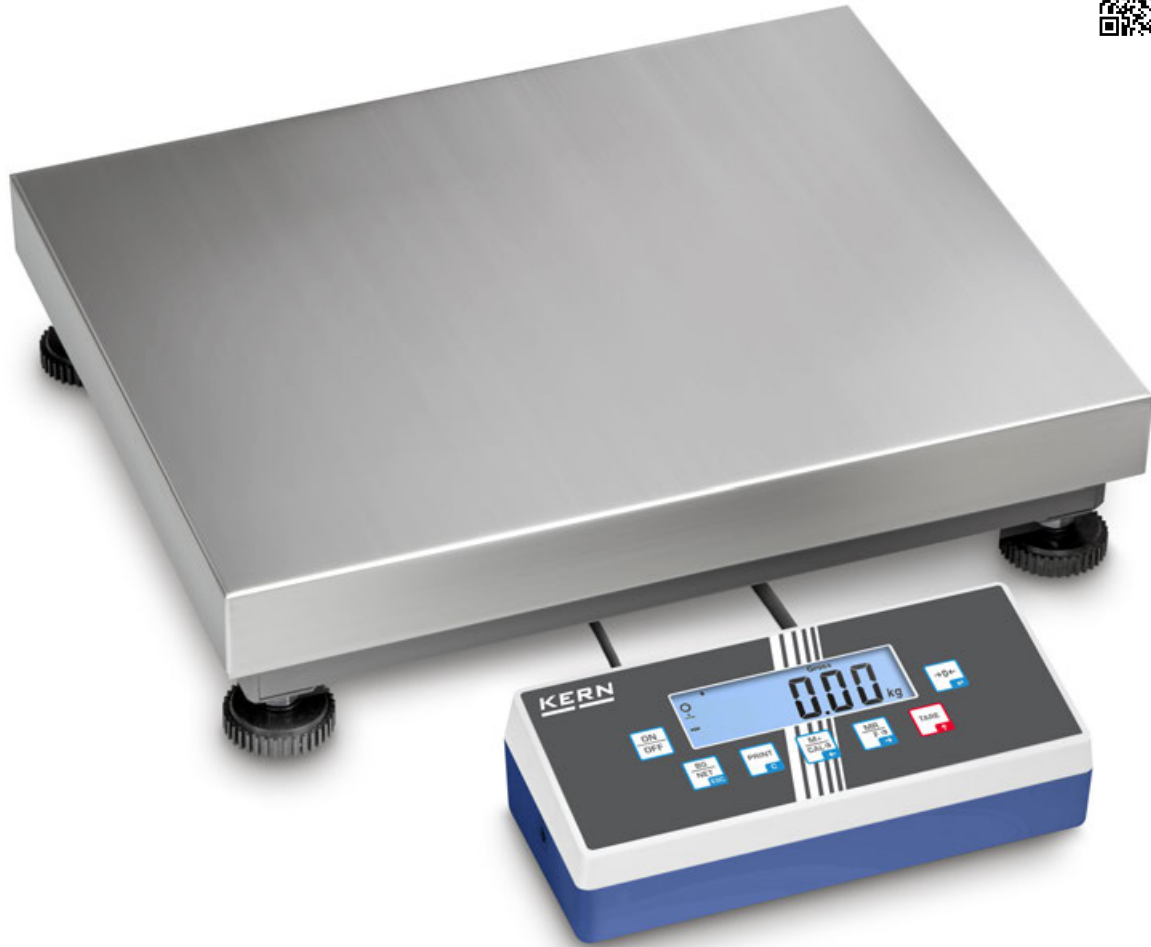
- Protective working cover, scope of delivery: 5 items, KERN EOC-A01S05
- Internal rechargeable battery pack, operating time up to 43 h without backlight, charging time approx. 3 h, KERN KFB-A01
- **2** Stand to elevate display device, height of stand approx. 330 mm, KERN EOC-A05
- **3** Mount to fasten the display device to the platform, KERN EOC-A03
- Benchtop stand incl. wall mount for display device, KERN EOC-A04
- Conversion of the display device, to move the cable outlet to the front of the display device, ideal e.g. for subsequent wall installation of the display device (standard configuration ex works: rear outlet), Factory Option, delivery time + 2 working days, KERN KIB-M01

10

STANDARD OPTION

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Model	Weighing capacity [Max] kg	Readability [d] g	Smallest part weight [Normal] g/piece	Cable length approx. m	Net weight approx. kg	Weighing plate	Option	
							DAkKS	Calibr. Certificate
<b>KERN</b>							<b>DAkKS</b>	<b>KERN</b>
EOC 6K-3	3   6	1   2	2,5	3	6	A	963-128	
EOC 10K-3	6   12	2   5	5	3	7	A	963-128	
EOC 30K-3	15   35	5   10	10	3	6	A	963-128	
EOC 30K-3L	15   35	5   10	10	3	9	B	963-128	
EOC 60K-2	30   60	10   20	20	3	6	A	963-129	
EOC 60K-2L	30   60	10   20	20	3	9	B	963-129	
EOC 100K-2	60   150	20   50	50	3	6	A	963-129	
EOC 100K-2L	60   150	20   50	50	3	9	B	963-129	
EOC 100K-2XL	60   150	20   50	50	3	19	C	963-129	
EOC 100K-2XXL	60   150	20   50	100	0,7 - 2,7	26	D	963-129	
EOC 300K-2	150   300	50   100	100	3	9	B	963-129	
EOC 300K-2L	150   300	50   100	100	3	19	C	963-129	
Dual-range balance switches automatically to the next largest weighing capacity [Max] and readability [d]								
EOC 6K-4A	6	0,5	2,5	3	6	A	963-128	
EOC 10K-3A	12	1	5	3	7	A	963-128	
EOC 20K-3A	24	2	10	3	6	A	963-128	
EOC 60K-3A	60	5	20	3	6	A	963-129	
EOC 100K-2A	120	10	50	3	9	B	963-129	
EOC 10K-4	6   15	0,2   0,5	5	3	7	A	963-128	
EOC 30K-4S	15   35	0,5   1	10	3	9	A	963-128	
EOC 30K-4	15   35	0,5   1	10	3	9	B	963-128	
EOC 60K-3	30   60	1   2	20	3	6	A	963-129	
EOC 60K-3L	30   60	1   2	20	3	9	B	963-129	
EOC 100K-3	60   150	2   5	50	3	7	A	963-129	
EOC 100K-3L	60   150	2   5	50	3	9	B	963-129	
EOC 300K-3	150   300	5   10	100	3	9	B	963-129	



Allround platform scale with a wide range of communication options and EC type approval [M] – now also available as high-resolution version with fine display



- Verification plug, for verified balances this enables you to separate the display device and platform without affecting the verification, e.g. for installing the scale in a packing and dispatch table, pit frame etc. at a later date. Please order this at the same time as you purchase your scale, see accessories

Practical Flip/Flop display device: flexible positioning e.g. free-standing or screwed to the wall (optional). By rotating the upper housing shell you can determine the angle of the display as well as the cable outlet.

Conversion of the display device, Factory Option for an additional cost, delivery time + 2 working days, KERN KIB-M01, see Accessories on the right, please indicate when placing your order

# Industrial platform scale KERN IOC

## Features

- Industry 4.0: A wide range of (optional) data interfaces allows that it is easy to transfer weighing data to tablets, laptops, PCs, networks, Smartphones, printers, etc.
- High mobility: thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations (laboratory, production, quality control, commissioning etc.)
- Platform: weighing plate stainless steel, painted steel base, silicone-coated aluminium load cell, protection against dust and water splashes IP65
- Level indicator and levelling feet for precise levelling of the scale, fitted as standard, to give the most accurate weighing result
- Searching and remote control of the balance using external control devices or computers with the KERN Communication Protocol (KCP). KCP is a standardised interface command structure for KERN balances and other instruments which allows you to recall and manage all relevant parameters and device functions. You can therefore simply connect KERN devices with KCP to computers, industrial control systems and other digital systems. In a large number of cases the KCP is compatible with the MT-SICS protocol.

## Technical data

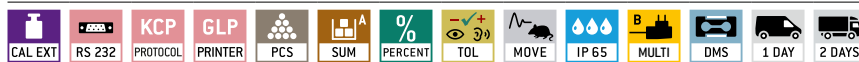
- Large LCD display, digit height 25 mm
- Weighing plate dimensions W×D×H
  - A** 300×240×110 mm
  - B** 300×300×110 mm
  - C** 400×300×110 mm
  - D** 500×400×120 mm, see larger picture
  - E** 650×500×150 mm
  - F** 800×600×200 mm
- Dimensions of display device W×D×H 268×115×80 mm
- Permissible ambient temperature -10 °C/40 °C

## Accessories

- Protective working cover, scope of delivery: 5 items, KERN EOC-A01S05
- Stand to elevate display device, height of stand approx. 330 mm, KERN EOC-A05
- Mount to fasten the display device to the platform, can be retrofitted, KERN EOC-A03  
Benchtop stand incl. wall mount for display device, KERN EOC-A04
- Internal rechargeable battery pack, operating time up to 26 h with backlight, charging time approx. 3 h, KERN KFB-A01
- USB data interface, for transferring weighing to the PC, printer etc., KERN KIB-A03
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, not possible in combination with verification, KERN KIB-A04
- WiFi interface for wireless connection of the balance to networks and WiFi capable devices, such as tablets, laptops or smartphones, continuous data transfer, must be ordered at purchase, KERN KIB-A10

- Ethernet data interface, must be ordered at purchase, KERN KIB-A02
- Alibi memory, including USB interface for exporting weighing results to external data storage media, such as, for example, USB sticks, hard drives, etc., KERN KIB-A01
- Signal lamp, including interface, for visual support of weighing with tolerance range, must be ordered at purchase, KERN KIB-A06
- Verification plug, please order this at the same time as you purchase your scale, KERN KIB-A12
- Conversion of the display device, Factory Option, delivery time + 2 working days, KERN KIB-M01
- Note: In addition to the RS 232 data interface integrated as standard, only one further data interface can be fitted and operated

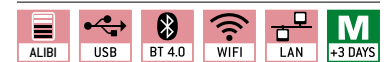
### STANDARD



### OPTION



### FACTORY



Model KERN	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Weighing plate	Option			
						Verification		DAkKS Calibr. Certificate	
						M	KERN	DAkKS	KERN
Dual-range balance switches automatically to the next largest weighing capacity [Max] and readability [d]									
IOC 6K-4	3   6	0,1   0,2	-	-	B				963-128
IOC 10K-4	6   15	0,2   0,5	-	-	A				963-128
IOC 10K-4L	6   15	0,2   0,5	-	-	C				963-128
IOC 30K-4	15   30	0,5   1	-	-	C				963-128
IOC 60K-3	30   60	1   2	-	-	C				963-129
IOC 60K-3L	30   60	1   2	-	-	D				963-129
IOC 100K-3	60   150	2   5	-	-	D				963-129
IOC 100K-3L	60   150	2   5	-	-	E				963-129
IOC 300K-3	150   300	5   10	-	-	E				963-129
IOC 600K-2	300   600	10   20	-	-	F				963-130
IOC 6K-3M	3   6	1   2	1   2	20   40	B	965-228			963-128
IOC 10K-3M	6   15	2   5	2   5	40   100	A	965-228			963-128
IOC 10K-3LM	6   15	2   5	2   5	40   100	C	965-228			963-128
IOC 30K-3M	15   30	5   10	5   10	100   200	C	965-228			963-128
IOC 60K-2M	30   60	10   20	10   20	200   400	C	965-229			963-129
IOC 60K-2LM	30   60	10   20	10   20	200   400	D	965-229			963-129
IOC 100K-2M	60   150	20   50	20   50	400   1000	D	965-229			963-129
IOC 100K-2LM	60   150	20   50	20   50	400   1000	E	965-229			963-129
IOC 300K-2M	150   300	50   100	50   100	1000   2000	E	965-229			963-129
IOC 600K-1M	300   600	100   200	100   200	2000   4000	F	965-230			963-130





**Accessories**

- Protective working cover, scope of delivery: 5 items, KERN KFB-A02S05
- Stand to elevate display device, for models with weighing plate size
  - A-E: Height of stand approx. 330 mm, KERN IFB-A01
  - D-F: 2 Height of stand approx. 600 mm, KERN IFB-A02
  - A-F: Height of stand approx. 800 mm, Stand to elevate display device Column KERN BFS-A07
- 3 Internal rechargeable battery pack, operating time up to 35 h, without backlight, charging time approx. 12 h, must be ordered at purchase, KERN KFB-A01
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, not in combination with verification, KERN KFB-A03
- Analogue module, must be ordered at purchase, not possible in combination with signal lamp 0-10 V: KERN KFB-A04  
4-20 mA: KERN KFB-A05
- Signal lamp for visual support of weighing with tolerance range, only in combination with, KERN CFS-A03
- Y-cable for parallel connection of two terminal devices to the RS-232 interface on the scale, e.g. signal lamp and printer, KERN CFS-A04

High-resolution industrial scale in heavy version with EC type approval [M], now also up to [Max] 600 kg

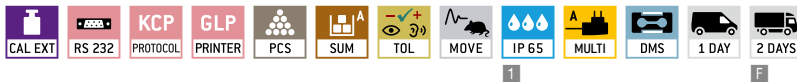
**Features**

- Tough industry standard suitable for use in harsh industrial applications
- 1 Platform: weighing plate stainless steel, painted steel base, silicone-coated aluminium load cell, protection against dust and water splashes IP65
- Benchtop stand incl. wall mount for display device as standard
- Protective working cover included with delivery

**Technical data**

- Large backlit LCD display, digit height 52 mm
- Weighing plate dimensions, stainless steel W×D×H
  - A 230×230×110 mm, B 300×240×110 mm
  - C 400×300×128 mm, D 500×400×130 mm
  - E 650×500×142 mm, F 800×600×200 mm
- Dimensions of display device W×D×H 230×230×360 mm
- Cable length of display device approx. 3 m
- Permissible ambient temperature -10 °C/40 °C

STANDARD



OPTION



FACTORY



Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Net weight approx. kg	Weighing plate	Option		
							Verification	DAkks	Calibr. Certificate
<b>KERN</b>							<b>M</b>	<b>DAkks</b>	<b>KERN</b>
IFB 3K-4	3	0,1	-	-	4,6	A	-	-	963-127
IFB 6K-4S	6	0,2	-	-	4,6	A	-	-	963-128
IFB 6K-4	6	0,2	-	-	5	B	-	-	963-128
IFB 10K-4	15	0,5	-	-	5	B	-	-	963-128
IFB 10K-4L	15	0,5	-	-	8	C	-	-	963-128
IFB 30K-3	30	1	-	-	8	C	-	-	963-128
IFB 60K-3	60	2	-	-	8	C	-	-	963-129
IFB 60K-3L	60	2	-	-	11	D	-	-	963-129
IFB 100K-3	150	5	-	-	11	D	-	-	963-129
IFB 100K-3L	150	5	-	-	20	E	-	-	963-129
IFB 300K-2	300	10	-	-	20	E	-	-	963-129
IFB 600K-2	600	20	-	-	44	F	-	-	963-130
Dual-range balance switches automatically to the next largest weighing capacity [Max] and readability [d]									
IFB 6K-3SM	3   6	1   2	1   2	20   40	4,6	A	965-228	-	963-128
IFB 6K1DM	3   6	1   2	1   2	20   40	5	B	965-228	-	963-128
IFB 15K2DM	6   15	2   5	2   5	40   100	5	B	965-228	-	963-128
IFB 15K2DLM	6   15	2   5	2   5	40   100	8	C	965-228	-	963-128
IFB 30K5DM	15   30	5   10	5   10	100   200	8	C	965-228	-	963-128
IFB 60K10DM	30   60	10   20	10   20	200   400	8	C	965-229	-	963-129
IFB 60K10DLM	30   60	10   20	10   20	200   400	11	D	965-229	-	963-129
IFB 150K20DM	60   150	20   50	20   50	400   1000	11	D	965-229	-	963-129
IFB 150K20DLM	60   150	20   50	20   50	400   1000	20	E	965-229	-	963-129
IFB 300K50DM	150   300	50   100	50   100	1000   2000	20	E	965-229	-	963-129
IFB 600K-1M	300   600	100   200	100   200	2000   4000	44	F	965-230	-	963-130

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.



## Precision industrial scale with laboratory accuracy

### Features

- High-capacity precision balance, ideal for high volume or heavy samples to be weighed with a high degree of accuracy
- User guidance step by step on display by Yes/No dialogue
- Numerical subtraction of tare weight for known container weight. Useful for checking fill-levels
- Precise counting: The automatic reference weight optimisation of reference weight gradually improves the average piece weight value
- Freely programmable weighing unit, e.g. display direct in special units such as length of wire g/m, surface weight g/m<sup>2</sup>, or else
- Protective working cover included with delivery

### Technical data

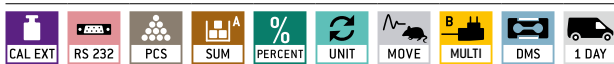
- Large backlit LCD display, digit height 18 mm
- Weighing plate dimensions, stainless steel W×D×H
  - A 228×228×95 mm
  - B 308×318×75 mm, see larger picture
  - C 400×300×90 mm
- Dimensions of display device W×D×H 225×115×60 mm
- Cable length of display device approx.
  - A, B 2 m, C 3 m
- Permissible ambient temperature 10 °C/40 °C

### Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERN DE-A12S05

- 1 Stand to elevate display device, height of stand approx. 480 mm for models with weighing plate size B, KERN DE-A10
- 2 Stand to elevate display device, height of stand approx. 600 mm for models with weighing plate size C, KERN IXS-A04
- Mount to fasten the display device to the platform, for models with weighing plate size B, C, can be reordered, KERN DE-A11N
- Wall mount for display device, KERN DS-A02
- 3 Set for underfloor weighing, consists of platform, bow, hook, only for models with weighing plate B, KERN DS-A01
- Rechargeable battery pack external, operating time up to 30 h without backlight, charging time approx. 10 h, KERN KS-A01
- Internal rechargeable battery pack, operating time up to 30 h without backlight, charging time approx. 10 h, KERN KB-A01N
- Further details, plenty of further accessories and suitable printers see Accessories

STANDARD



OPTION



Model	Weighing capacity [Max] kg	Readability [d] g	Smallest part weight [Normal] g/piece	Net weight approx. kg	Resolution Points	Weighing plate	Option	
							DAkkS Calibr. Certificate	DAkkS KERN
<b>KERN</b>								
DS 3K0.01S	3	0,01	0,1	4,2	300.000	A	963-127	
DS 5K0.05S	5	0,05	0,5	4,2	100.000	A	963-127	
DS 8K0.05	8	0,05	0,5	8	160.000	B	963-128	
DS 10K0.1S	10	0,1	1	4,2	100.000	A	963-128	
DS 16K0.1	16	0,1	1	9	160.000	B	963-128	
DS 20K0.1	20	0,1	1	8	200.000	B	963-128	
DS 30K0.1	30	0,1	1	8	300.000	B	963-128	
DS 30K0.1L	30	0,1	1	18	300.000	C	963-128	
DS 36K0.2	36	0,2	2	8	180.000	B	963-128	
DS 36K0.2L	36	0,2	2	18	180.000	C	963-128	
DS 60K0.2	60	0,2	2	18	300.000	C	963-129	
DS 65K0.5	65	0,5	5	18	130.000	C	963-129	
DS 100K0.5	100	0,5	5	18	200.000	C	963-129	
DS 150K1	150	1	10	18	150.000	C	963-129	



## Platform scale with dust and spray protection IP65 and EC type approval [M]

### Features

- Platform scale protected to IP65 with stainless steel display device, for industrial applications, hygienic and easy to clean
- 1** Platform: weighing plate stainless steel, painted steel base, silicone-coated aluminium load cell, protection against dust and water splashes IP65
- Display device: Stainless steel, protection against dust and water splashes IP65, flexible positioning, e.g. free-standing or mounted to the wall, for details see KERN KFE-TM
- Weighing with tolerance range (checkweighing): a visual and audible signal helps with portioning, dispensing or grading
- Hold function: When the weighing conditions are unstable, a stable weight is calculated determining an average value

- PRE-TARE function for manual subtraction of a known container weight, useful for checking fill-levels, (only for non-verified models)

### Technical data

- Large backlit LCD display, digit height 22 mm
- Weighing plate dimensions, stainless steel W×D×H
  - A** 300×240×110 mm, see larger picture
  - B** 400×300×130 mm
  - C** 500×400×140 mm
  - D** 650×500×140 mm
- Dimensions of display device W×D×H 195×120×70 mm
- Cable length of display device approx. 3 m
- Internal rechargeable battery pack, operating time up to 35 h without backlight, charging time approx. 12 h
- Permissible ambient temperature -10 °C/40 °C

### Accessories

- Stand to elevate display device, for models with weighing plate size
  - A-D**: Height of stand approx. 200 mm, Type **2**, KERN SFE-A01
  - B-D**: Height of stand approx. 400 mm, Type **2**, KERN SFE-A02
  - C-D**: Height of stand approx. 600 mm, Type **3**, KERN SFE-A03
- Tare pan made from stainless steel. Ideal for weighing loose small parts as well as fruit, vegetables, etc., KERN RFS-A02

#### STANDARD



#### OPTION



#### FACTORY



Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Net weight approx. kg	Weighing plate	Option	
							Verification	DAkkS Calibr. Certificate
							KERN	DAkkS KERN
<b>SFE 6K-3NM</b>	6	2	2	40	6	<b>A</b>	965-228	963-128
<b>SFE 10K-3NM</b>	15	5	5	100	6	<b>A</b>	965-228	963-128
<b>SFE 10K-3LNM</b>	15	5	5	100	8	<b>B</b>	965-228	963-128
<b>SFE 30K-2NM</b>	30	10	10	200	6	<b>A</b>	965-228	963-128
<b>SFE 60K-2NM</b>	60	20	20	400	8	<b>B</b>	965-229	963-129
<b>SFE 60K-2LNM</b>	60	20	20	400	12	<b>C</b>	965-229	963-129
<b>SFE 100K-2NM</b>	150	50	50	1000	8	<b>B</b>	965-229	963-129
<b>SFE 100K-2LNM</b>	150	50	50	1000	12	<b>C</b>	965-229	963-129
<b>SFE 100K-2XLNM</b>	150	50	50	1000	20	<b>D</b>	965-229	963-129
<b>SFE 300K-1LNM</b>	300	100	100	2000	20	<b>D</b>	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.



10

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 IP68 protection, hygienic and easy to clean



# Platform scale with stainless steel display device KERN IXS



## Features

- Tough industry standard suitable for use in harsh industrial applications
- **1** Platform: weighing plate stainless steel, painted steel base, silicone-coated aluminium load cell, protection against dust and water splashes IP65, Substruction in wing design, extremely resistant to bending
- **2** Superior display size: digit height 55 mm, bright backlight for easy reading of weighing results, even in poor lighting conditions
- **2** Display device: Stainless steel, protection against dust and water splashes IP68, 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

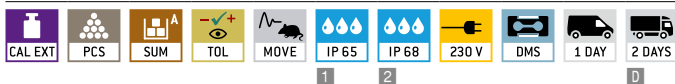
- Large backlit LCD display, digit height 55 mm
- Weighing plate dimensions, stainless steel W×D×H
  - A** 300×240×86 mm
  - B** 400×300×89 mm, see larger picture
  - C** 500×400×123 mm
  - D** 650×500×133,5 mm
- Dimensions of display device W×D×H 232×150×80 mm
- Cable length of display device approx. 2,5 m
- Permissible ambient temperature -10 °C/40 °C

## Accessories

- **3** Stand to elevate display device
  - A-D** Height of stand approx. 50 mm, KERN IXS-A01
  - 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

- Internal rechargeable battery pack, 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, interface cable included, approx. 1,5 m, 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, not in combination with verification, KERN KXS-A02
- Foot switch, must be ordered at purchase, KERN KXS-A03
- Roller conveyor attachment, with smooth-running, hot-dip galvanised steel rollers with ball bearings, robust aluminium profile frame, for platform size
  - B** KERN YRO-01
  - C** KERN YRO-02
  - D** KERN YRO-03
- Further details, plenty of further accessories and suitable printers see *Accessories*

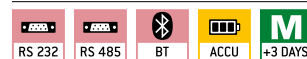
### STANDARD



### OPTION



### FACTORY



Model	Weighing range [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Net weight approx. kg	Weighing plate	Option			
							Verification		DAkkS Calibr. Certificate	
							M III KERN		DAkkS KERN	
<b>KERN IXS 6K-4</b>	6	0,2	-	-	6	<b>A</b>	-		963-128	
<b>KERN IXS 10K-4</b>	15	0,5	-	-	6	<b>A</b>	-		963-128	
<b>KERN IXS 10K-4L</b>	15	0,5	-	-	11	<b>B</b>	-		963-128	
<b>KERN IXS 30K-3</b>	30	1	-	-	11	<b>B</b>	-		963-128	
<b>KERN IXS 30K-3L</b>	30	1	-	-	22	<b>C</b>	-		963-128	
<b>KERN IXS 60K-3</b>	60	2	-	-	11	<b>B</b>	-		963-129	
<b>KERN IXS 60K-3L</b>	60	2	-	-	22	<b>C</b>	-		963-129	
<b>KERN IXS 100K-3</b>	150	5	-	-	22	<b>C</b>	-		963-129	
<b>KERN IXS 100K-3L</b>	150	5	-	-	36	<b>D</b>	-		963-129	
<b>KERN IXS 300K-2</b>	300	10	-	-	36	<b>D</b>	-		963-129	
Dual-range balance switches automatically to the next largest weighing capacity [Max] and readability [d]										
<b>KERN IXS 6K-3M</b>	3   6	1   2	1   2	20   40	6	<b>A</b>	965-228		963-128	
<b>KERN IXS 10K-3M</b>	6   15	2   5	2   5	40   100	6	<b>A</b>	965-228		963-128	
<b>KERN IXS 10K-3LM</b>	6   15	2   5	2   5	40   100	11	<b>B</b>	965-228		963-128	
<b>KERN IXS 30K-2M</b>	15   30	5   10	5   10	100   200	11	<b>B</b>	965-228		963-128	
<b>KERN IXS 30K-2LM</b>	15   30	5   10	5   10	100   200	22	<b>C</b>	965-228		963-128	
<b>KERN IXS 60K-2M</b>	30   60	10   20	10   20	200   400	11	<b>B</b>	965-229		963-129	
<b>KERN IXS 60K-2LM</b>	30   60	10   20	10   20	200   400	22	<b>C</b>	965-229		963-129	
<b>KERN IXS 100K-2M</b>	60   150	20   50	20   50	400   1000	22	<b>C</b>	965-229		963-129	
<b>KERN IXS 100K-2LM</b>	60   150	20   50	20   50	400   1000	36	<b>D</b>	965-229		963-129	
<b>KERN IXS 300K-2M</b>	150   300	50   100	50   100	1000   2000	36	<b>D</b>	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.

\* Either RS-232 or RS-485 can be installed and used

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