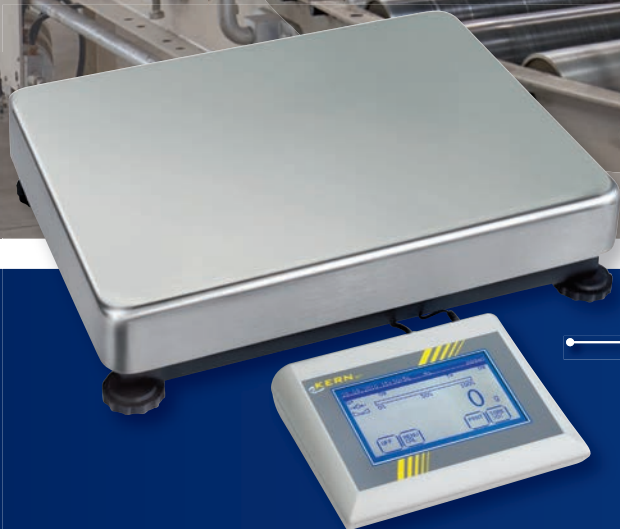# KERN®

PARCEL SCALES/PLATFORM SCALES

5,372 kg

PROFESSIONAL MEASURING

2016

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.

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

Alibi memory:
Electronic archiving of weighing results, complying with the 2009/23/EC standard. For details see page 214

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. High tolerance against electromagnetic disturbance.

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.

WLAN 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.

Interface for second balance:
For direct connection of a second balance.

Network interface:
For connecting the scale to an Ethernet network. With KERN products you can use a universal RS-232/LAN converter. See page 180

Wireless data transfer:
between the weighing unit and the evaluation unit using an integrated radio module.

GLP/ISO log:
The balance displays the weight, date and time, regardless of a printer connection.

GLP/ISO log:
With weight, date and time. Only with KERN printers, see "Accessories", see page 177.

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

Recipe level A:
Separate memory for the weight of the tare container and the recipe ingredients (net total).

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

Recipe level C:
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.

Totalising level A:
The weights of similar items can be added together and the total can be printed out.

Totalising level C:
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.

Percentage determination:
Determining the deviation in % from the target value (100 %).

Weighing units:
Can be switched to e.g. nonmetric units at the touch of a key. See balance model. Please refer to KERN's website for more details.

Weighing with tolerance range:
Upper and lower limiting values can be programmed individually for e.g. dosing, sorting and portioning

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 the glossary. See page 72.

ATEX explosion protection:
Suitable for use in hazardous industrial environments, in which there is explosion danger. The ATEX marking is specified for each device.

Stainless steel:
The balance is protected against corrosion.

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

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

Power supply:
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.

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.

Warranty:
The warranty period is shown 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, 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 dynamometres, chemist's balances, and veterinary scales.

Microscopes & refractometers catalogue

Extensive range in the area of optical instruments, such as, for example, biological microscopes, stereo microscopes, metallurgical microscopes, polarisation micro-scopes 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.

KERN DAkkS calibration service brochure

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

KERN flyer Special offers

Compact overview of our bestselling products – just the balances/ measuring instruments/micro-scopes your customers need! Can be customised to suit your requirements.

The gnome guide

Travel report from KERN, the famous scientific gnome, who travelled all over the world, in order to illustrate the physical law of gravitational force. Ideal for use in school education – please request, it's free of charge.

170 years of KERN

Interesting and readable overview of the history of the origins of Southern German balance manu-facturing, as well as the company history, which stretches right back to 1770 – please request, it's free of charge.

Your advantages

1 **Quick Delivery**
Items in stock are sent the same day if orders are placed before 1:00 pm (valid for parcel service delivery within the EC).

2 **Price performance ratio**
KERN scales are always an in-expensive alternative. They are durable, uncomplicated and easy to place into operation.

3 **Direct dispatch**
of ordered goods to your customer is available, with personalised delivery note if desired (please ask), invoice will be issued to you (third party business).

4 **3 years warranty**
Items under € 400,– : 2 years

5 **No stock-keeping necessary.**
KERN does the warehousing for you.

6 **Sale or return**
within 14 days of purchase.

Industrial scales

In the KERN range there are portable, affordable entry level models for weighing post or parcels, high-quality models with a high ➔ *IP protection* and type approval (➔ *Verification*) for commercial trade applications, up to top level models with touchscreen technology for complex recipe or check-weighing applications with relay control – there is the right platform scale for each application.

Platform scales benefits are obvious:

- Weighing range from 3 kg – 600 kg
- Robust platform construction for harsh industrial applications
- Versatile, available with stand
- High overload protection
- Stainless steel weighing plate, shock proof and easy to clean
- Display device can be positioned separately, e.g. wall-mounted, on a stand or next to the platform. This guarantees for an always clear view on the display despite bulky items on the scale
- Large selection of platform sizes

In order to meet the various requirements of our industrial customers, KERN platform scales have a large number of practical functions. From counting and recipe functions via ➔ *data interfaces* (RS-232, RS-485, USB, Bluetooth, WLAN, Ethernet) for connecting scales to a network, PC or printer to the useful battery or recheargable battery operation for mobile use. The „Hold function" is particularly useful for industrial weighing and guarantees stable results even in turbulent locations or when weighing animals – a true all-rounder.

The newest development for an even greater level of user-friendliness is the wireless communication between platform and display device, giving the highest level of flexibility – weighing at the location of use of installation and read the weight up to 20 m away.

Particularly practical: the touchless tare function allows for taring the scale without having to touch it by using movement sensors. This is useful when working with gloves or dirty hands, see page 109, 120.

➔ *See the glossary on page 214 – 216*

Your product specialist's recommendation:

👍 **The bestseller in parcel scales**

👍 **Enormous range of functions**

👍 **Easy to use**

HIGH-LIGHT

from €

185,–

▸ page 110

KERN DE-D

Stephan Ade
Product specialist Platform scales

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Quick-Finder Platform scales

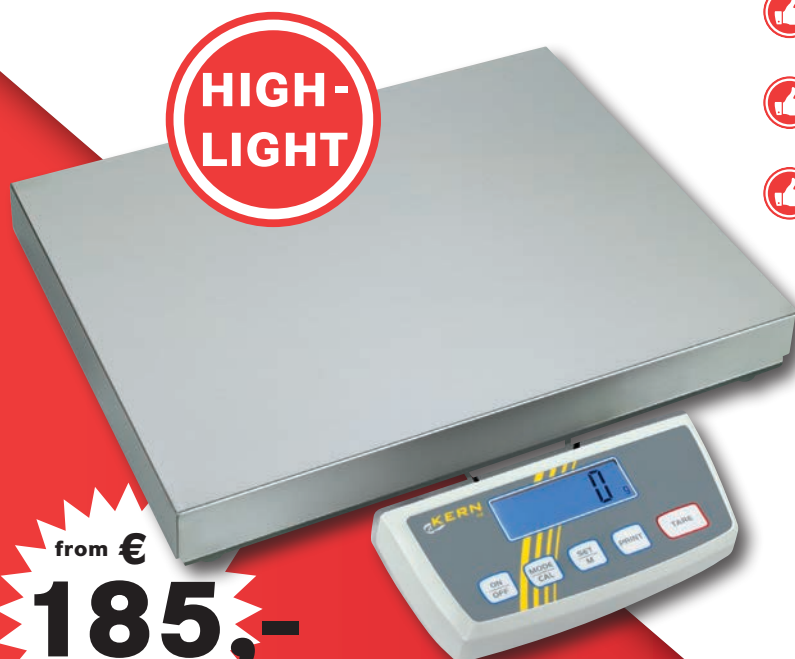| Read-out [d]	Weighing range [Max]	Weighing plate mm	Model KERN	Price excl. of VAT ex works €	Page	DAYS	M	CAL INT	CAL EXT	MEMORY	RS 232	PCS	IP	BATT	ACCU
0,01 g	3 kg	228x228x90	DS 3K0.01S	640,-	114	1			●		●	●			○
0,01 g	3 kg	228x228x70	IKT 3K0.01S	920,-	118	1			●	●	●	●			○
0,01 g	10 kg	347x259	ILT 10K-5NM	3600,-	120	21	○	●			●	●			
0,05 g	5 kg	228x228x90	DS 5K0.05S	560,-	114	1			●		●	●			○
0,05 g	8 kg	308x318x75	DS 8K0.05	550,-	114	1			●		●	●			○
0,05 g	8 kg	318x308x75	IKT 8K0.05	850,-	118	1			●	●	●	●			○
0,1 g	6 kg	318x308x75	IKT 6K0.1	830,-	118	1			●	●	●	●			○
0,1 g	6 kg	195x195	ILT 6K-4BAM	2200,-	120	21	○	●			●	●			
0,1 g	10 kg	228x228x90	DS 10K0.1S	530,-	114	1			●		●	●			○
0,1 g	10 kg	228x228x70	IKT 10K0.1S	850,-	118	1			●	●	●	●			○
0,1 g	16 kg	308x318x75	DS 16K0.1	550,-	114	1			●		●	●			○
0,1 g	16 kg	318x308x75	IKT 16K0.1	850,-	118	1			●	●	●	●			○
0,1 g	20 kg	308x318x75	DS 20K0.1	580,-	114	1			●		●	●			○
0,1 g	25 kg	347x259	ILJ 25K-4CM	2050,-	122	1	○	●			●	●			
0,1 g	30 kg	308x318x75	DS 30K0.1	610,-	114	1			●		●	●			○
0,1 g	30 kg	450x350x115	DS 30K0.1L	700,-	114	1			●		●	●			○
0,1 g	30 kg	318x308x75	IKT 30K0.1	850,-	118	1			●	●	●	●			○
0,1 g	30 kg	450x350x115	IKT 30K0.1L	1150,-	118	1			●	●	●	●			○
0,1 g	30 kg	347x259	ILS 30K-4C	1790,-	122	1			●	●	●	●			
0,1 g	35 kg	347x259	ILT 35K-4NM	4200,-	120	21	○	●			●	●			
0,1 g	50 kg	347x259	ILS 50K-4C	2320,-	122	1			●	●	●	●			
0,1 g	50 kg	347x259	ILT 50K-4C	5500,-	120	21				●	●	●	●			
0,2 g	6 kg	300x240x110	IFB 6K-4	320,-	112	1			●		●	●			○
0,2 g	6 kg	300x240x86	IXS 6K-4	590,-	116	1			●		○	●	●		○
0,2 g	12 kg	318x308x75	IKT 12K0.2	830,-	118	1			●	●	●	●			○
0,2 g	36 kg	308x318x75	DS 36K0.2	550,-	114	1			●		●	●			○
0,2 g	36 kg	318x308x75	IKT 36K0.2	850,-	118	1			●	●	●	●			○
0,2 g	60 kg	450x350x115	DS 60K0.2	740,-	114	1			●		●	●			○
0,2 g	60 kg	450x350x115	IKT 60K0.2L	1120,-	118	1			●	●	●	●			○
0,2 | 0,5 g	6 | 15 kg	318x308x85	DE 15K0.2D	335,-	110	1			●		●	●	●	○	○
0,5 g	6 kg	318x308x75	DE 6K0.5A	215,-	110	1			●		●	●	●	○	○
0,5 g	15 kg	300x240x110	IFB 10K-4	320,-	112	1			●		●	●			○
0,5 g	15 kg	300x240x86	IXS 10K-4	590,-	116	1			●		○	●	●		○
0,5 g	15 kg	400x300x89	IXS 10K-4L	590,-	116	1			●		○	●	●		○
0,5 g	30 kg	318x308x75	IKT 30K0.5	830,-	118	1			●	●	●	●			○
0,5 g	65 kg	450x350x115	DS 65K0.5	700,-	114	1			●		●	●			○
0,5 g	65 kg	450x350x115	IKT 65K0.5L	1050,-	118	1			●	●	●	●			○
0,5 g	100 kg	450x350x115	DS 100K0.5	740,-	114	1			●		●	●			○
0,5 g	100 kg	450x350x115	IKT 100K0.5L	1150,-	118	1			●	●	●	●			○
0,5 | 1 g	15 | 35 kg	318x308x85	DE 35K0.5D	335,-	110	1			●		●	●	●	○	○
1 g	6 kg	318x308x75	IKT 6K1M	990,-	118	1	○		●	●	●	●			○
1 g	12 kg	318x308x75	DE 12K1A	215,-	110	1			●		●	●	●	○	○
1 g	30 kg	400x300x128	IFB 30K-3	390,-	112	1			●		●	●			○
1 g	30 kg	400x300x89	IXS 30K-3	590,-	116	1			●		○	●	●		○
1 g	30 kg	500x400x123	IXS 30K-3L	720,-	116	1			●		○	●	●		○
1 g	60 kg	450x350x115	IKT 60K1L	1050,-	118	1			●	●	●	●			○
1 g	60 kg	500x400	ILT 60K-3BAM	2400,-	120	21	○	●			●	●			
1 g	65 kg	450x350x115	DS 65K1M	790,-	114	1	○		●		●	●			○
1 g	150 kg	450x350x115	DS 150K1	740,-	114	1			●		●	●			○
1 g	150 kg	450x350x115	IKT 150K1L	1150,-	118	1			●	●	●	●			○
1 | 2 g	3 | 6 kg	318x308x75	DE 6K1D	185,-	110	1			●		●	●	●	○	○
1 | 2 g	3 | 6 kg	300x240x110	IFB 6K1DM	320,-	112	1	○		●		●	●			○
1 | 2 g	3 | 6 kg	300x240x86	IXS 6K-3M	500,-	116	1	○		●		○	●	●		○
1 | 2 g	3 | 6 kg	230x230	ILT 6K-3GAM	2200,-	120	21	○	●			●	●			
1 | 2 g	30 | 60 kg	318x308x85	DE 60K1D	335,-	110	1			●		●	●	●	○	○
2 g	6 kg	300x240x110	SFE 6K-3M	380,-	115	1	○		●				●		●
2 g	12 kg	318x308x75	IKT 12K2M	990,-	118	1	○		●	●	●	●			○
2 g	24 kg	318x308x75	DE 24K2A	215,-	110	1			●		●	●	●	○	○
2 g	60 kg	400x300x128	IFB 60K-3	390,-	112	1			●		●	●			○
2 g	60 kg	400x300x89	IXS 60K-3	590,-	116	1			●		○	●	●		○
2 g	60 kg	500x400x123	IXS 60K-3L	720,-	116	1			●		○	●	●		○
2 g	120 kg	450x350x115	IKT 120K2L	1050,-	118	1			●	●	●	●			○
2 g	150 kg	650x500x142	IKT 150K2XL	1200,-	118	1			●	●	●	●			○
2 | 5 g	6 | 15 kg	318x308x75	DE 15K2D	185,-	110	1			●		●	●	●	○	○
2 | 5 g	6 | 15 kg	300x240x110	IFB 15K2DM	320,-	112	1	○		●		●	●			○
2 | 5 g	6 | 15 kg	300x240x86	IXS 10K-3M	500,-	116	1	○		●		○	●	●		○
2 | 5 g	6 | 15 kg	300x240	ILT 10K-3GAM	1900,-	120	21	○	●			●	●	●		
2 | 5 g	60 | 150 kg	318x308x85	DE 150K2D	340,-	110	1			●		●	●	●	○	○
5 g	15 kg	315x305x30	EOA 10K-3	110,-	107	1			●					●	
5 g	15 kg	315x305x65	EOE 10K-3	130,-	107	1			●					●	
5 g	15 kg	315x305x65	EOB 15K5	152,-	108	1			●					○	

= News 2016 *For an explanation on the pictos, see the front flap ● = Standard ○ = Option

Quick-Finder Platform scales

Read-out [d]	Weighing range [Max]	Weighing plate mm	Model KERN	Price excl. of VAT ex works €	Page	DAYS	M	CAL INT	CAL EXT	MEMORY	RS 232	PCS	IP	BATT	ACCU
										For an explanation on the pictos, see the front flap					
5 g	15 kg	300x240x110	SFE 15K5IPM	360,-	115	1	○		●				●		○
5 g	15 kg	400x300x128	SFE 10K-3LM	420,-	115	1	○		●				●		
5 g	30 kg	318x308x75	IKT 30K5M	1010,-	118	1	○		●	●	●	●			○
5 g	60 kg	318x308x75	DE 60K5A	215,-	110	1			●		●	●	●	○	○
5 g	150 kg	500x400x137	IFB 100K-3	490,-	112	1			●		●	●			○
5 g	300 kg	650x500x142	IKT 300K5XL	1200,-	118	1			●	●	●	●			○
5 | 10 g	15 | 30 kg	400x300x128	IFB 30K5DM	380,-	112	1	○		●		●	●			○
5 | 10 g	15 | 30 kg	400x300x89	IXS 30K-2M	590,-	116	1	○		●		○	●	●		○
5 | 10 g	15 | 30 kg	500x400x123	IXS 30K-2LM	720,-	116	1	○		●		○	●	●		○
5 | 10 g	15 | 30 kg	400x300	ILT 30K-2GAM	2200,-	120	21	○	●			●	●			
5 | 10 g	15 | 35 kg	318x308x75	DE 35K5D	185,-	110	1			●		●	●	●	○	○
5 | 10 g	15 | 35 kg	522x403x90	DE 35K5DL	315,-	110	1			●		●	●	●	○	○
5 | 10 g	150 | 300 kg	522x406x100	DE 300K5DL	435,-	110	1			●		●	●	●	○	○
10 g	30 kg	300x240x110	SFE 30K10IPM	360,-	115	1	○		●				●		●
10 g	35 kg	315x305x30	EOA 30K-2	110,-	107	1			●					●	
10 g	35 kg	315x305x65	EOE 30K-2	130,-	107	1			●					●	
10 g	35 kg	315x305x65	EOB 35K10	152,-	108	1			●					○	
10 g	35 kg	315x305x65	EOB 35K-2F	205,-	109	1			●					○	
10 g	60 kg	450x350x115	IKT 60K10LM	1250,-	118	1	○		●	●	●	●			○
10 g	120 kg	318x308x75	DE 120K10A	215,-	110	1			●		●	●	●	○	○
10 g	300 kg	650x500x142	IFB 300K-2	690,-	112	1			●		●	●			○
10 | 20 g	30 | 60 kg	318x308x75	DE 60K10D	185,-	110	1			●		●	●	●	○	○
10 | 20 g	30 | 60 kg	522x403x90	DE 60K10DL	315,-	110	1			●		●	●	●	○	○
10 | 20 g	30 | 60 kg	400x300x128	IFB 60K10DM	380,-	112	1	○		●		●	●			○
10 | 20 g	30 | 60 kg	500x400x137	IFB 60K10DLM	470,-	112	1	○		●		●	●			○
10 | 20 g	30 | 60 kg	400x300x89	IXS 60K-2M	590,-	116	1	○		●		○	●	●		○
10 | 20 g	30 | 60 kg	500x400x123	IXS 60K-2LM	720,-	116	1	○		●		○	●	●		○
10 | 20 g	30 | 60 kg	400x300	ILT 60K-2GAM	2200,-	120	21	○	●			●	●	●		
20 g	60 kg	315x305x30	EOA 50K-2	110,-	107	1			●					●	
20 g	60 kg	315x305x65	EOE 60K-2	130,-	107	1			●					●	
20 g	60 kg	315x305x65	EOB 60K20	152,-	108	1			●					○	
20 g	60 kg	315x305x65	EOB 60K-2F	205,-	109	1			●					○	
20 g	60 kg	550x550x65	EOB 60K20L	350,-	108	1			●					○	
20 g	60 kg	400x300x128	SFE 60K20IPM	410,-	115	1	○		●				●		●
20 g	60 kg	500x400x137	SFE 60K-2LM	520,-	115	1	○		●				●		●
20 g	120 kg	450x350x115	IKT 120K20LM	1250,-	118	1	○		●	●	●	●			○
20 g	600 kg	800x600x150	IFB 600K-2	750,-	112	1			●		●	●			○
20 | 50 g	60 | 150 kg	318x308x75	DE 150K20D	195,-	110	1			●		●	●	●	○	○
20 | 50 g	60 | 150 kg	522x403x90	DE 150K20DL	315,-	110	1			●		●	●	●	○	○
20 | 50 g	60 | 150 kg	500x400x137	IFB 150K20DM	470,-	112	1	○		●		●	●			○
20 | 50 g	60 | 150 kg	650x500x142	IFB 150K20DLM	620,-	112	1	○		●		●	●			○
20 | 50 g	60 | 150 kg	500x400x123	IXS 100K-2M	720,-	116	1	○		●		○	●	●		○
20 | 50 g	60 | 150 kg	650x500x133,5	IXS 100K-2LM	790,-	116	1	○		●		○	●	●		○
20 | 50 g	60 | 150 kg	500x400	ILT 100K-2GAM	2100,-	120	21	○	●			●	●	●		
50 g	150 kg	315x305x30	EOA 100K-2	110,-	107	1			●					●	
50 g	150 kg	315x305x65	EOE 100K-2	130,-	107	1			●					●	
50 g	150 kg	315x305x65	EOB 150K50	152,-	108	1			●					○	
50 g	150 kg	315x305x65	EOB 150K-2F	205,-	109	1			●					○	
50 g	150 kg	505x505x65	EOE 150K50L	255,-	107	1			●					●	
50 g	150 kg	945x505x65	EOE 150K50XL	300,-	107	1			●					●	
50 g	150 kg	550x550x65	EOB 150K50L	350,-	108	1			●					○	
50 g	150 kg	945x505x65	EOB 150K50XL	380,-	108	1			●					○	
50 g	150 kg	900x550x60	EOS 150K50XL	410,-	108	1			●					○	
50 g	150 kg	400x300x128	SFE 100K-2M	420,-	115	1	○		●				●		●
50 g	150 kg	900x550x60	EOS 150K50XLF	480,-	109	1			●					○	
50 g	150 kg	500x400x137	SFE 100K-2LM	520,-	115	1	○		●				●		●
50 | 100 g	150 | 300 kg	522x403x90	DE 300K50D	315,-	110	1			●		●	●	●	○	○
50 | 100 g	150 | 300 kg	650x500x105	DE 300K50DL	380,-	110	1			●		●	●	●	○	○
50 | 100 g	150 | 300 kg	650x500x142	IFB 300K50DM	625,-	112	1	○		●		●	●			○
50 | 100 g	150 | 300 kg	650x500x133,5	IXS 300K-2M	790,-	116	1	○		●		○	●	●		○
50 | 100 g	150 | 300 kg	650x500	ILT 300K-2GAM	2200,-	120	21	○	●			●	●	●		
100 g	300 kg	315x305x65	EOB 300K100A	152,-	108	1			●					○	
100 g	300 kg	505x505x65	EOE 300K100L	255,-	107	1			●					●	
100 g	300 kg	945x505x65	EOE 300K100XL	300,-	107	1			●					●	
100 g	300 kg	550x550x65	EOB 300K100L	350,-	108	1			●					○	
100 g	300 kg	945x505x65	EOB 300K100XL	375,-	108	1			●					○	
100 g	300 kg	900x550x60	EOS 300K100XL	410,-	108	1			●					○	
100 g	300 kg	550x550x65	EOB 300K-1LF	420,-	109	1			●					○	
100 g	300 kg	900x550x60	EOS 300K100XLF	480,-	109	1			●					○	
100 g	300 kg	650x500x142	SFE 300K-1LM	720,-	115	1	○		●				●		●
100 | 200 kg	300 | 600 kg	800x600x150	IFB 600K-1M	890,-	112	1	○		●		●	●			○

☐ = News 2016   *For an explanation on the pictos, see the front flap   ● = Standard   ○ = Option

Parcel scales KERN EOA · EOE

KERN EOA

KERN EOE

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

Features

- **High mobility:** Battery operation, compact, flat construction and low weight make this scale ideal for the use in several locations
- Weighing plate steel, lacquered

EOA:
- **Simple and convenient 2-key operation**
- **Adjusting program CAL**, external test weights at an additional price, see page 189 ff.

EOE:
- **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 LCDdisplay, digit height 25 mm
- Permissible ambient temperature 10 °C / 35 °C
- Ready for use: Batteries included, 9 V block (EOA)/6 x 1.5 V AA (EOE), operating time up to 60 h

EOA:
- Dimensions of display device WxDxH 226x55x111 mm

EOE:
- Dimensions of display device WxDxH 210x110x45 mm

Accessories

EOA:
- **Protective working cover** over the display device, standard. Can be re-ordered, scope of delivery: 5 items, KERN DE-A12S05, **€ 30,-**
- **External universal mains adapter**, with universal input and optional input socket adapters for EU, GB, USA. Not included, can be retrofitted, KERN YKA-06, **€ 35,-**

EOE:
- 1 **Ascending ramp** incl. pair of base plates for models with weighing plate size WxDxH 505x505x65 mm, not included. WxDxH 505x507x87 mm, can be retrofitted, KERN EOE-A02, **€ 135,-**
- **Non-slip rubber mat**, WxD 945x505 mm, KERN EOE-A01, **€ 45,-**
- **Sturdy transport case**, for models with weighing plate size ≤ 315x305x65 mm, for details see page 184, KERN MPS-A07, **€ 115,-**
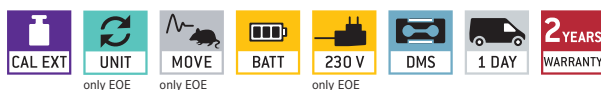
09

STANDARD | CAL EXT | UNIT (only EOE) | MOVE (only EOE) | BATT | 230 V (only EOE) | DMS | 1 DAY | 2 YEARS WARRANTY | OPTION | B MULTI | DAkkS +3 DAYS

Model KERN	Weighing range [Max] kg	Readout [d] g	Reproduci-bility g	Linearity g	Net weight approx. kg	Cable length approx. m	Weighing plate mm	Price excl. of VAT ex works €	Option DAkkS Calibr. Certificate DKD KERN	€
EOA 10K-3	15	5	5	± 25	3	1,4	315x305x30	110,-	963-128	88,-
EOA 30K-2	35	10	10	± 50	3	1,4	315x305x30	110,-	963-128	88,-
EOA 50K-2	60	20	20	± 100	3	1,4	315x305x30	110,-	963-129	105,-
EOA 100K-2	150	50	50	± 250	3	1,4	315x305x30	110,-	963-129	105,-
EOE 10K-3	15	5	5	± 10	4	1,8	315x305x65	130,-	963-128	88,-
EOE 30K-2	35	10	10	± 20	4	1,8	315x305x65	130,-	963-128	88,-
EOE 60K-2	60	20	20	± 40	4	1,8	315x305x65	130,-	963-129	105,-
EOE 100K-2	150	50	50	± 100	4	1,8	315x305x65	130,-	963-129	105,-
EOE 150K50L	150	50	50	± 100	12,5	2,7	505x505x65	255,-	963-129	105,-
EOE 150K50XL	150	50	50	± 100	19,5	2,7	945x505x65	300,-	963-129	105,-
EOE 300K100L	300	100	100	± 200	12,5	2,7	505x505x65	255,-	963-129	105,-
EOE 300K100XL	300	100	100	± 200	19,5	2,7	945x505x65	300,-	963-129	105,-

Parcel scales KERN EOB · EOS

KERN EOB

KERN EOS

The bestsellers in parcel- and veterinary scales, also with XL-platform, and big weighing ranges

Features

- **Stainless steel weighing plate**, 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

EOS:

- The scale can be easily transported using 2 rollers and a handle and does not require much storage space

Technical data

- Large LCD display, digit height 25 mm
- Dimensions of display device WxDxH 210x110x45 mm

- Cable length of display device approx. 1,8 m
- Optional battery operation, 6 x 1.5 V AA not included, operating time up to 60 h
- Permissible ambient temperature 10 °C / 35 °C

EOB:

- Weighing plate dimensions, WxDxH
  - Ⓐ 315x305x65 mm
  - Ⓑ 550x550x65 mm, see enlarged picture
  - Ⓒ 945x505x65 mm

EOS:

- Weighing plate dimensions, stainless steel, WxDxH
  - Ⓓ 900x550x60 mm

Accessories

- Ⓛ **Stand** to elevate display device, height of stand approx. 950 mm, can be retrofitted, KERN MWS-A01, **€ 180,-**

EOB:

- **Non-slip rubber mat**, only for models with weighing plate size Ⓒ, KERN EOE-A01, **€ 45,-**
- Ⓛ **Stand** to elevate display device, height of stand approx. 450 mm, only for models with weighing plate size Ⓐ, can be retrofitted, KERN EOB-A01N, **€ 80,-**

EOS:

- **Non-slip rubber mat** standard. Can be re-ordered, KERN EOS-A01, **€ 35,-**

STANDARD

| CAL EXT | UNIT | MOVE | BATT | 230 V | DMS | 1 DAY | 2 YEARS WARRANTY |

OPTION

| DAkkS +3 DAYS |

Model KERN	Weighing range [Max] kg	Readout [d] g	Reproducibility g	Linearity g	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Option DAkkS Calibr. Certificate DKD KERN	 €
EOB 15K5	15	5	5	± 10	4,8	Ⓐ	152,-	963-128	88,-
EOB 35K10	35	10	10	± 20	4,8	Ⓐ	152,-	963-128	88,-
EOB 60K20	60	20	20	± 40	4,8	Ⓐ	152,-	963-129	105,-
EOB 60K20L	60	20	20	± 40	14	Ⓑ	350,-	963-129	105,-
EOB 150K50	150	50	50	± 100	4,8	Ⓐ	152,-	963-129	105,-
EOB 150K50L	150	50	50	± 100	14	Ⓑ	350,-	963-129	105,-
EOB 150K50XL	150	50	50	± 100	19	Ⓒ	380,-	963-129	105,-
EOB 300K100A	300	100	100	± 200	4,8	Ⓐ	152,-	963-129	105,-
EOB 300K100L	300	100	100	± 200	14	Ⓑ	350,-	963-129	105,-
EOB 300K100XL	300	100	100	± 200	19	Ⓒ	375,-	963-129	105,-
EOS 150K50XL	150	50	50	± 100	20,1	Ⓓ	410,-	963-129	105,-
EOS 300K100XL	300	100	100	± 200	20,1	Ⓓ	410,-	963-129	105,-

For more information, please visit kern-sohn.com/en/EOB .../EOS · Order hotline +49 [0] 7433 9933-0

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Parcel scales KERN EOB-F · EOS-F
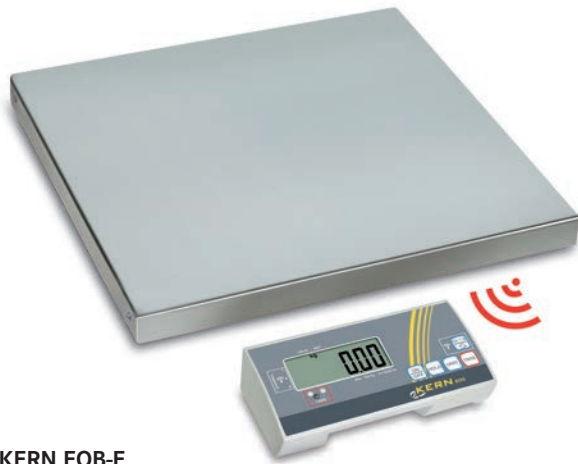
KERN EOB-F

KERN EOS-F

Radio platform scales with touchless tare function

Features

- **Display device with integrated radio module** for wireless communication with the weighing platform: ideal for weighing contaminated items, weighing in loud environments or with physical separation. Range approx. 20 m
- **1 Touchless tare function:** by the wave of your hand. No need to operate the scale with dirty gloves anymore
- **Network operation:** 3 frequencies for parallel use of several weighing platforms with a single display device
- **High mobility** thanks to battery operation for display device and platform
- **Simple and convenient 4-key operation**
- **Stainless steel weighing plate**, painted steel base
- **Wall mount** for display device standard
- **Hold function:** When the weighing conditions are unstable, a stable weight is calculated determining an average value

EOS -F:

- **2 rollers and handle** for easy transport of the scale

Technical data

- Large LCD display, digit height 25 mm
- Weighing plate dimensions, stainless steel, WxDxH
  - A 315x305x55 mm
  - B 550x550x65 mm
  - C 900x550x60 mm
- Dimensions of display device WxDxH 210x110x45 mm
- Optional battery operation, 6 x 1.5 V AA not included, operating time up to 70 h
- Permissible ambient temperature 10 °C / 35 °C

Accessories

- **Protective working cover** over keyboard and housing, standard. Can be re-ordered, scope of delivery: 5 items, KERN EOB-A02S05, **€ 46,-**
- **Stand** to elevate display device, height of stand approx. 450 mm, only for models with weighing plate size A, can be retrofitted, KERN EOB-A01N, **€ 80,-**
- **Stand** to elevate display device, can be retrofitted, height of stand approx. 950 mm, KERN MWS-A01, **€ 180,-**

EOS -F:

- **2 Non-slip rubber mat** standard. Can be re-ordered, KERN EOS-A01, **€ 35,-**

STANDARD

| CAL EXT | RC | UNIT | MOVE | BATT | 230 V | DMS | 1 DAY (only EOB-F) | 2 YEARS WARRANTY (only EOB-F) | 3 YEARS WARRANTY (only EOS-F) |

OPTION

| DAkkS +3 DAYS |

Model	Weighing range	Readout	Reproducibility	Linearity	Weighing plate	Price excl. of VAT ex works	Option DAkkS Calibr. Certificate	
KERN	[Max] kg	[d] g	g	g		€	DKD KERN	€
EOB 35K-2F	35	10	10	± 20	A	205,-	963-128	88,-
EOB 60K-2F	60	20	20	± 40	A	205,-	963-129	105,-
EOB 60K-2LF	60	20	20	± 40	B	410,-	963-129	105,-
EOB 150K-2F	150	50	50	± 100	A	205,- ⬇	963-129	105,-
EOB 150K-2LF	150	50	50	± 100	B	415,-	963-129	105,-
EOB 300K-1LF	300	100	100	± 200	B	420,-	963-129	105,-
EOS 150K50XLF	150	50	50	± 100	C	480,-	963-129	105,-
EOS 300K100XLF	300	100	100	± 200	C	480,-	963-129	105,-

⬇ Price reduction

Parcel scale KERN DE-D

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

Piece counting

Animal weighing
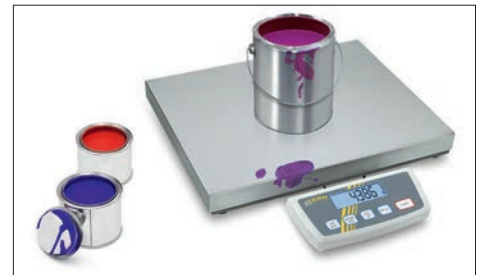
Recipe weighing

Features

- **High mobility:** Battery or rechargeable battery (optional) operation, compact and flat construction and low weight make this scale ideal for use in several locations (production, warehouse, dispatch department etc.)
- **Flexible positioning of display device:** e.g. free-standing or mounted to the wall (optional)

- **1 Display device IP65.** Protected against dust and spray (only when using battery or rechargeable battery pack)
- **Stainless steel weighing plate**, 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^2, or similar

Parcel scale KERN DE-D

A

E

2

Technical data

- Large backlit LCD display, digit height 25 mm
- Weighing plate dimensions, stainless steel, WxDxH
  - A 318x308x75 mm
  - B 318x308x85 mm
  - C 522x406x100 mm
  - D 523x405x90 mm, see enlarged picture
  - E 650x500x105 mm
- Dimensions of display device WxDxH 225x110x55 mm
- Optional battery operation, 9 V block, not included
- Permissible ambient temperature 5 °C / 35 °C

Accessories

- **Protective working cover** over the display device, standard. Can be re-ordered, scope of delivery: 5 items, KERN DE-A12S05, **€ 30,-**
- **Rechargeable battery pack internal**, operating time up to 15 h, charging time approx. 10 h, can be retrofitted, KERN NDE-A02, **€ 40,-**
- **Mount** to fasten the display device to the platform, can be retrofitted, KERN DE-A11N, **€ 35,-**
- **Wall mount** for display device, can be retrofitted, KERN DE-A13, **€ 30,-**

- • 2 **Stand** to elevate display device, height of stand approx. 480 mm, can be retrofitted, KERN DE-A10, **€ 95,-**
- **Individual header data:** the free software KERN SHM-01 can be used to set up 4 header lines on the printout for printers YKN-01 and YKB-01N
- **Suitable printers** and further, extensive accessories from page 177 ff.

09

STANDARD

CAL EXT	RS 232	PCS	SUM PERCENT	UNIT	MOVE	IP 65	BATT	MULTI B/A	DMS	1 DAY	2 YEARS WARRANTY

1

OPTION

ACCU	DAkkS +3 DAYS

Model KERN	Weighing range [Max] kg	Readout [d] g	Reproduci-bility g	Linearity g	Min. piece weight [Counting] g/piece	Cable length approx. m	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Option DAkkS Calibr. Certificate DKD KERN	€
				Dual-range balance switches automatically to the next largest weighing range [Max] and readout [d].							
DE 6K1D	3 | 6	1 | 2	1 | 2	± 3 | ± 6	4	1,4	4	A	185,-	963–128	88,-
DE 15K2D	6 | 15	2 | 5	2 | 5	± 6 | ± 15	10	1,4	4	A	185,-	963–128	88,-
DE 35K5D	15 | 35	5 | 10	5 | 10	± 15 | ± 30	10	1,4	4	A	185,-	963–128	88,-
DE 35K5DL	15 | 35	5 | 10	5 | 10	± 15 | ± 30	10	1,4	16	D	315,-	963–128	88,-
DE 60K10D	30 | 60	10 | 20	10 | 20	± 30 | ± 60	20	1,4	4	A	185,-	963–129	105,-
DE 60K10DL	30 | 60	10 | 20	10 | 20	± 30 | ± 60	20	1,4	16	D	315,-	963–129	105,-
DE 150K20D	60 | 150	20 | 50	20 | 50	± 60 | ± 150	40	1,4	4	A	195,-	963–129	105,-
DE 150K20DL	60 | 150	20 | 50	20 | 50	± 60 | ± 150	40	1,4	16	D	315,-	963–129	105,-
DE 150K20DXL	60 | 150	20 | 50	20 | 50	± 60 | ± 150	40	1,4	28	E	380,-	963–129	105,-
DE 300K50D	150 | 300	50 | 100	50 | 100	± 150 | ± 300	200	1,4	16	D	315,-	963–129	105,-
DE 300K50DL	150 | 300	50 | 100	50 | 100	± 150 | ± 300	200	1,4	28	E	380,-	963–129	105,-
DE 6K0.5A	6	0,5	0,5	± 1,5	1	1,4	4	A	215,-	963–128	88,-
DE 12K1A	12	1	1	± 3	2	1,4	4	A	215,-	963–128	88,-
DE 24K2A	24	2	2	± 6	4	1,4	4	A	215,-	963–128	88,-
DE 60K5A	60	5	5	± 15	10	1,4	4	A	215,-	963–129	105,-
DE 120K10A	120	10	10	± 30	20	1,4	4	A	215,-	963–129	105,-
				Dual-range balance with high-resolution display							
DE 15K0.2D	6 | 15	0,2 | 0,5	0,2 | 0,5	± 0,8 | ± 2	0,4	1	4	B	335,-	963–128	88,-
DE 35K0.5D	15 | 35	0,5 | 1	0,5 | 1	± 2 | ± 4	1	1	4	B	335,-	963–128	88,-
DE 60K1D	30 | 60	1 | 2	1 | 2	± 4 | ± 8	2	1	4	B	335,-	963–129	105,-
DE 60K1DL	30 | 60	1 | 2	1 | 2	± 4 | ± 8	2	1,4	16	C	435,-	963–129	105,-
DE 150K2D	60 | 150	2 | 5	2 | 5	± 8 | ± 20	4	1	4	B	340,-	963–129	105,-
DE 150K2DL	60 | 150	2 | 5	2 | 5	± 8 | ± 20	4	1,4	16	C	435,-	963–129	105,-
DE 300K5DL	150 | 300	5 | 10	5 | 10	± 20 | ± 40	10	1,4	16	C	435,-	963–129	105,-

Industrial platform scale KERN IFB

Platform scale in heavy version with EC type approval [M], now also up to [Max] 600 kg

Features

- **Industrial quality:** because of its stable construction and robust design, it is ideal for continuous use in an industrial environment
- **1 Platform:** Weighing plate stainless steel, painted steel base, protection against dust and water splashes IP65, silicone-coated aluminium load cell, details see page 150
- **Display device:** Superior display size, digit height 52 mm for the easy reading of weighing results, even under poor lighting conditios. For details see page 147, KERN KFB-TM

- **Benchtop stand incl. wall mount** for display device as standard
- **Level indicator and levelling feet** for precise levelling of the scale, fitted as standard, to give the most accurate weighing results
- **Weighing with tolerance range (checkweighing):** Input of an upper/lower limit value. A visual and audible signal assists with portioning, dispensing or grading
- **Totalising** of weights and piece counts

- **Hold function:** When the weighing conditions are unstable, a stable weight is calculated determining an average value
- **New:** high-resolution models for high-precision weighing and models with a weighing range of 600 kg!

Industrial platform scale KERN IFB

Technical data

- Large backlit LCD display, digit height 52 mm
- Weighing plate dimensions, stainless steel, WxDxH
  - Ⓐ 300x240x110 mm
  - Ⓑ 400x300x115 mm
  - Ⓒ 500x400x137 mm, see enlarged picture
  - Ⓓ 650x500x142 mm
  - Ⓔ 800x600x200 mm
- Cable length of display device approx. 3 m
- Permissible ambient temperature -10 °C / 40 °C

Accessories

- **Protective working cover** over the display device standard. Can be re-ordered, scope of delivery: 5 items, KERN KFB-A02S05, **€ 35,-**
- **Signal lamp** for visual support of weighing with tolerance range. For details see page 181, can be retrofitted, KERN CFS-A03, **€ 250,-**
- **Stand** to elevate display device, ② height of stand approx. 330 mm, see illustration, KERN IFB-A01, **€ 50,-** height of stand approx. 600 mm, can be retrofitted, for models with weighing plate size Ⓒ, Ⓓ and Ⓔ, KERN IFB-A02, **€ 60,-** height of stand approx. 750 mm, can be retrofitted, KERN BFS-A07, **€ 120,-**

- **Y-cable**, RS-232, details see page 181, can be retrofitted, KERN CFS-A04, **€ 35,-**
- **Rechargeable battery pack internal**, operating time up to 35 h, charging time approx. 12 h, must be ordered at purchase, KERN KFB-A01, **€ 35,-**
- **Large display with superior display size**, for details see page 181, can be retrofitted, KERN YKD-A02, **€ 215,-**
- **Suitable printers** and further, extensive accessories from page 177 ff.

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STANDARD												OPTION	FACTORY
CAL EXT	RS 232	GLP PRINTER	PCS	SUM	TOL	MOVE	IP 65	MULTI	DMS	1 DAY	2 DAYS (only E)	3 YEARS WARRANTY	DAkkS +3 DAYS	ACCU only IFB-M	M +3 DAYS only IFB-M

Model	Weighing range [Max]	Readout [d]	Verification value [e]	Minimum load [Min]	Net weight approx.	Weighing plate	Price excl. of VAT ex works	Options			
								Verification		DAkkS Calibr. Certificate	
KERN	kg	g	g	g	kg		€	Ⓜ KERN	€	DKD KERN	€
IFB 6K-4	6	0,2	–	–	6	Ⓐ	320,-	–	–	963-128	88,-
IFB 10K-4	15	0,5	–	–	6	Ⓐ	320,-	–	–	963-128	88,-
IFB 10K-4L	15	0,5	–	–	10	Ⓑ	390,-	–	–	963-128	88,-
IFB 30K-3	30	1	–	–	10	Ⓑ	390,-	–	–	963-128	88,-
IFB 60K-3	60	2	–	–	10	Ⓑ	390,-	–	–	963-129	105,-
IFB 60K-3L	60	2	–	–	13	Ⓒ	490,-	–	–	963-129	105,-
IFB 100K-3	150	5	–	–	13	Ⓒ	490,-	–	–	963-129	105,-
IFB 100K-3L	150	5	–	–	22	Ⓓ	690,-	–	–	963-129	105,-
IFB 300K-2	300	10	–	–	22	Ⓓ	690,-	–	–	963-129	105,-
IFB 600K-2	600	20	–	–	51	Ⓔ	750,-	–	–	963-130	165,-
Dual-range balance switches automatically to the next largest weighing range [Max] and readout [d].											
IFB 6K1DM	3 | 6	1 | 2	1 | 2	20	6	Ⓐ	320,-	965-228	55,-	963-128	88,-
IFB 15K2DM	6 | 15	2 | 5	2 | 5	40	6	Ⓐ	320,-	965-228	55,-	963-128	88,-
IFB 15K2DLM	6 | 15	2 | 5	2 | 5	40	10	Ⓑ	380,-	965-228	55,-	963-128	88,-
IFB 30K5DM	15 | 30	5 | 10	5 | 10	100	10	Ⓑ	380,-	965-228	55,-	963-128	88,-
IFB 60K10DM	30 | 60	10 | 20	10 | 20	200	10	Ⓑ	380,-	965-229	93,-	963-129	105,-
IFB 60K10DLM	30 | 60	10 | 20	10 | 20	200	13	Ⓒ	470,-	965-229	93,-	963-129	105,-
IFB 150K20DM	60 | 150	20 | 50	20 | 50	400	13	Ⓒ	470,-	965-229	93,-	963-129	105,-
IFB 150K20DLM	60 | 150	20 | 50	20 | 50	400	22	Ⓓ	620,-	965-229	93,-	963-129	105,-
IFB 300K50DM	150 | 300	50 | 100	50 | 100	1000	22	Ⓓ	625,-	965-229	93,-	963-129	105,-
IFB 600K-1M	300 | 600	100 | 200	100 | 200	2000	51	Ⓔ	890,-	965-230	132,-	963-130	165,-
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 platform scales KERN DS · DS-M

- Cable length of display device
  A, B approx. 2 m
  C approx. 0,6 m
- Permissible ambient temperature DS:
  10 °C / 40 °C; DS-M: 10 °C / 30 °C

Precision industrial scale with laboratory accuracy, also with EC type approval [M] class II

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 the reference weight gradually improves the average piece weight value

- **only DS:** Freely programmable weighing unit, e.g. display directly in special units such as length of wire g/m, paper weight g/m^2, or similar

Technical data

- Large backlit LCD display, digit height 18 mm
- Weighing plate dimensions, stainless steel, WxDxH
  A 228x228x90 mm
  B 308x318x75 mm, see enlarged picture
  C 450x350x115 mm
- Dimensions of display device WxDxH 225x115x60 mm

Accessories

- **Protective working cover** over the display device, standard. Can be re-ordered, scope of delivery: 5 items, KERN DE-A12S05, **€ 30,-**
- 1 **Stand** to elevate display device, for models with weighing plate size B, C, height of stand approx. 480 mm, can be retrofitted, KERN DE-A10, **€ 95,-**
- **Mount** to fasten the display device to the platform, for models with weighing plate size B, C, can be retrofitted, KERN DE-A11N, **€ 35,-**
- **Wall mount** for display device, can be re-ordered, KERN DS-A02, **€ 30,-**
- 2 **Set for underfloor weighing**, for models with weighing plate size B, can be retrofitted, KERN DS-A01, **€ 200,-**
- **Rechargeable battery pack external**, operating time up to 25 hours with backlight, charging time approx. 10 h, can be retrofitted, KERN KS-A01, **€ 180,-**
- **Rechargeable battery pack internal**, operating time up to 10 hours with backlight, charging time approx. 10 h, can be retrofitted, KERN KB-A01N, **€ 50,-**
- **Suitable printers** and further, extensive accessories from page 177 ff.

STANDARD										OPTION			FACTORY
CAL EXT	RS 232	PCS	SUM	PERCENT	UNIT	MOVE	MULTI	DMS	1 DAY	UNDER	ACCU	DAkkS +3 DAYS	M +3 DAYS
			A				B		3 YEARS WARRANTY	only B			only DS-M

Model KERN	Weighing range [Max] kg	Readout [d] g	Verific. value [e] g	Reproduci-bility g	Min. piece weight [Counting] g/piece	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options			
									Verification		DAkkS Calibr. Certificate	
									M KERN	€	DKD KERN	€
DS 3K0.01S	3	0,01	–	0,02	0,01	5,1	A	640,-	–	–	963-127	72,-
DS 5K0.05S	5	0,05	–	0,05	0,05	5,1	A	560,-	–	–	963-127	72,-
DS 8K0.05	8	0,05	–	0,05	0,05	7,5	B	550,-	–	–	963-128	88,-
DS 10K0.1S	10	0,1	–	0,1	0,1	4,5	A	530,-	–	–	963-128	88,-
DS 16K0.1	16	0,1	–	0,1	0,1	7,5	B	550,-	–	–	963-128	88,-
DS 20K0.1	20	0,1	–	0,1	0,1	7,5	B	580,-	–	–	963-128	88,-
DS 30K0.1	30	0,1	–	0,2	0,1	7,5	B	610,-	–	–	963-128	88,-
DS 30K0.1L	30	0,1	–	0,2	0,1	9,5	C	700,-	–	–	963-128	88,-
DS 36K0.2	36	0,2	–	0,2	0,2	7,5	B	550,-	–	–	963-128	88,-
DS 36K0.2L	36	0,2	–	0,2	0,2	9,5	C	660,-	–	–	963-128	88,-
DS 60K0.2	60	0,2	–	0,4	0,2	9,5	C	740,-	–	–	963-129	105,-
DS 65K0.5	65	0,5	–	0,5	0,5	9,5	C	700,-	–	–	963-129	105,-
DS 100K0.5	100	0,5	–	0,5	0,5	9,5	C	740,-	–	–	963-129	105,-
DS 150K1	150	1	–	1	1	9,5	C	740,-	–	–	963-129	105,-
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.												
DS 65K1M	65	1	10	1	1	9,5	C	790,-	965-218	110,-	963-129	105,-

IP protected platform scale KERN SFE

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, protection against dust and water splashes IP65, silicone-coated aluminium load cell
- **Display device:** stainless steel, protection against dust and water splashes IP65, for industrial applications, hygienic and easy to clean, flexible positioning, e.g. free-standing or mounted to the wall. For details see page 148, KERN KFE-TM
- **Weighing with tolerance range (checkweighing):** Input of an upper/lower limit value. A visual and audible signal assists 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, WxDxH
  - A 300x240x110 mm
  - B 400x300x128 mm
  - C 500x400x137 mm
  - D 650x500x142 mm
- Dimensions of display device WxDxH 195x118x83 mm

- Cable length of display device approx. 3 m
- Rechargeable battery pack internal, standard, operating time up to 35 h without backlight, charging time approx. 12 h, can be re-ordered, KERN VFB-A02, **€ 40,-**
- Permissible ambient temperature -10 °C / 40 °C

Accessories

- **Tare pan made of stainless steel**, ideal for weighing loose screws, small parts etc., WxDxH 370x240x20 mm, KERN RFS-A02, **€ 55,-**
- **Stand** to elevate display device, must be ordered at purchase for models with weighing plate size A, B, C, D: 2 height of stand approx. 200 mm, KERN SFE-A01, **€ 55,-** B, C, D: 3 height of stand approx. 400 mm, KERN SFE-A02, **€ 55,-** C, D: 3 height of stand approx. 600 mm, KERN SFE-A03, **€ 60,-**

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STANDARD									OPTION	FACTORY
CAL EXT	SUM	TOL	MOVE	IP 65	INOX	ACCU	MULTI	DMS	1 DAY	3 YEARS WARRANTY	DAkkS +3 DAYS	M +3 DAYS

Model	Weighing range [Max]	Readout [d]	Verification value [e]	Minimum load [Min]	Net weight approx.	Weighing plate	Price excl. of VAT ex works	Options			
								Verification		DAkkS Calibr. Certificate	
KERN	kg	g	g	g	kg		€	M Ⅲ KERN	€	DKD KERN	€
SFE 6K-3M	6	2	2	40	6,5	A	**380,-**	965-228	55,-	963-128	88,-
SFE 15K5IPM	15	5	5	100	6,5	A	**360,-**	965-228	55,-	963-128	88,-
SFE 10K-3LM	15	5	5	100	8	B	**420,-**	965-228	55,-	963-128	88,-
SFE 30K10IPM	30	10	10	200	6,5	A	**360,-**	965-228	55,-	963-128	88,-
SFE 60K20IPM	60	20	20	400	8	B	**410,-**	965-229	93,-	963-129	105,-
SFE 60K-2LM	60	20	20	400	14,5	C	**520,-**	965-229	93,-	963-129	105,-
SFE 100K-2M	150	50	50	1000	8	B	**420,-**	965-229	93,-	963-129	105,-
SFE 100K-2LM	150	50	50	1000	14,5	C	**520,-**	965-229	93,-	963-129	105,-
SFE 100K-2XLM	150	50	50	1000	20	D	**720,-**	965-229	93,-	963-129	105,-
SFE 300K-1LM	300	100	100	2000	20	D	**720,-**	965-229	93,-	963-129	105,-

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.

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, **€ 70,-**
  B - D: height of stand approx. 400 mm, KERN IXS-A03, **€ 75,-**
  C - D: height of stand approx. 600 mm, KERN IXS-A04, **€ 85,-**
- **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, **€ 40,-**
- **Data interface RS-232**, must be ordered at purchase, KERN KXS-A04, **€ 40,-**
- **Data interface RS-485**, must be ordered at purchase, KERN KXS-A01, **€ 85,-**
- **Bluetooth data interface** for wireless data transfer to PC or tablets, must be ordered at purchase, KERN KXS-A02, **€ 110,-**
- **Foot switch**, must be ordered at purchase, for details see page 181, KERN KXS-A03, **€ 70,-**
- **Suitable printers** see page 177 ff.

09

STANDARD											OPTION	FACTORY				
CAL EXT	PCS	SUM A	TOL	MOVE	IP 65	IP 68	INOX	230 V	DMS	1 DAY	3 YEARS WARRANTY	DAkkS +3 DAYS	RS 232	RS 485	BT	ACCU	M +3 DAYS
					2	1										

Model	Weighing range [Max]	Readout [d]	Verification value [e]	Minimum load [Min]	Net weight approx.	Weighing plate	Price excl. of VAT ex works	Options			
								Verification		DAkkS Calibr. Certificate	
KERN	kg	g	g	g	kg		€	M KERN	€	DKD KERN	€
IXS 6K-4	6	0,2	–	–	5,1	A	**590,-**	–	–	963-128	88,-
IXS 10K-4	15	0,5	–	–	5,1	A	**590,-**	–	–	963-128	88,-
IXS 10K-4L	15	0,5	–	–	10,5	B	**590,-**	–	–	963-128	88,-
IXS 30K-3	30	1	–	–	10,5	B	**590,-**	–	–	963-128	88,-
IXS 30K-3L	30	1	–	–	20,5	C	**720,-**	–	–	963-128	88,-
IXS 60K-3	60	2	–	–	10,5	B	**590,-**	–	–	963-129	105,-
IXS 60K-3L	60	2	–	–	20,5	C	**720,-**	–	–	963-129	105,-
IXS 100K-3	150	5	–	–	20,5	C	**720,-**	–	–	963-129	105,-
IXS 100K-3L	150	5	–	–	35	D	**740,-**	–	–	963-129	105,-
IXS 300K-2	300	10	–	–	35	D	**740,-**	–	–	963-129	105,-
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	**500,-**	965-228	55,-	963-128	88,-
IXS 10K-3M	6 | 15	2 | 5	2 | 5	40 | 100	5,1	A	**500,-**	965-228	55,-	963-128	88,-
IXS 10K-3LM	6 | 15	2 | 5	2 | 5	40 | 100	10,5	B	**590,-**	965-228	55,-	963-128	88,-
IXS 30K-2M	15 | 30	5 | 10	5 | 10	100 | 200	10,5	B	**590,-**	965-228	55,-	963-128	88,-
IXS 30K-2LM	15 | 30	5 | 10	5 | 10	100 | 200	20,5	C	**720,-**	965-228	55,-	963-128	88,-
IXS 60K-2M	30 | 60	10 | 20	10 | 20	200 | 400	10,5	B	**590,-**	965-229	93,-	963-129	105,-
IXS 60K-2LM	30 | 60	10 | 20	10 | 20	200 | 400	20,5	C	**720,-**	965-229	93,-	963-129	105,-
IXS 100K-2M	60 | 150	20 | 50	20 | 50	400 | 1000	20,5	C	**720,-**	965-229	93,-	963-129	105,-
IXS 100K-2LM	60 | 150	20 | 50	20 | 50	400 | 1000	35	D	**790,-**	965-229	93,-	963-129	105,-
IXS 300K-2M	150 | 300	50 | 100	50 | 100	1000 | 2000	35	D	**790,-**	965-229	93,-	963-129	105,-
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.											

NEW New model

# Industrial platform scale KERN IKT

PREMIUM ★★★

ⓘ **_Alibi memory_**

- Ring memory for up to 49,152 measuring results (744 measuring results per day!)

- Saved measuring results cannot be changed or cleared. If the maximum memory capacity is reached, then the oldest value will be overwritten

- In addition to the measuring result, the date, time, tare value, a sequential number and the serial number of the balance are also saved.

- Saved measuring results can be searched and recalled easily

- The alibi memory can also be used for applications which do not require verification

- Complies with WELMEC 2.5

Touchscreen platform scale with enormous range of functions, available also with EC type approval [M]
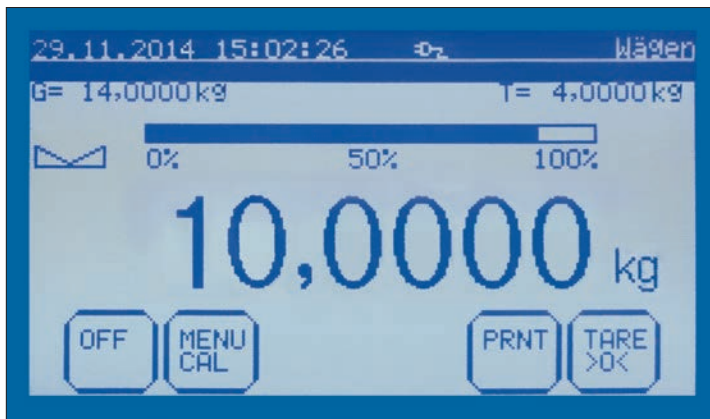
Display at full size, **operating mode weighing**

Innovative touchscreen: touch-sensitive, backlit screen with very good contrast for easy operation and convenient reading

Advantages:
- The menu and processes are self-explanatory
- No more errors or lost time through keys wich have several functions assigned to them or unclear markings
- Large keys, which can also be operated, when wearing gloves
- More efficient, faster and safer working

Platform: Weighing plate stainless steel, painted steel base Ⓐ, Ⓑ, Ⓓ, aluminium casting Ⓓ, protection against dust and water splashes IP65, silicone-coated aluminium load cell

Easy entering of text and values
e.g. item descriptions, user name, weights of tare containers, etc. using the large keypad

80 memories for each mode
e.g. for checkweighing, PRE-TARE, reference weight, target weight for dispensing etc.
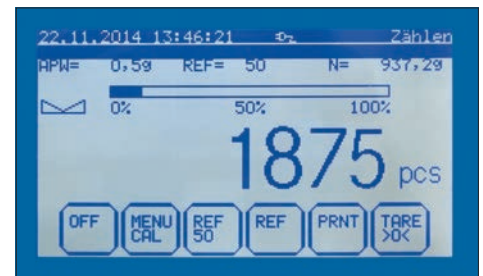
Professional counting function
All relevant counting information at a glance, such as, e.g., reference weight, reference quantity, total count, total weight, tare container weight, available weighing range and much more

Industrial platform scale KERN IKT

Features

- If one recipe ingredient is overweight, then the **practical recipe adjustment function** for when dosages are exceeded automatically calculates the new target weights of the other ingredients. The actual and target values and the proportionate percentage can then be printed
- **Multiplier function:** recipes with the ingredient weights recorded as percentage values can easily be replicated by entering a new target weight. The ideal solution for the preparation of larger containers, bulk packs etc.
- **Rapid function** for shortened stabilisation time with reduced readout
- **Control outputs (optocoupler, digital I/O)** to connect relays, signal lamps, valves etc.

Technical data

- Backlit LCD graphic display with digit height 18 mm, screen diagonal 5.8" (approx. 147 mm, WxH 108x74 mm)
- Weighing plate dimensions, stainless steel, WxDxH
  - Ⓐ 228x228x70 mm
  - Ⓑ 318x308x75 mm
  - Ⓒ 450x350x115 mm, see enlarged picture
  - Ⓓ 650x500x142 mm
- Dimensions of display device WxDxH 200x155x68 mm

- Cable length of display device for weighing plate size, Ⓐ approx. 1 m, Ⓑ, Ⓓ approx. 2 m, Ⓒ approx. 0,6 m
- Permissible ambient temperature 10 °C / 40 °C

Accessories

- **Protective working cover** over the display device standard. Can be re-ordered, scope of delivery: 5 items, KERN IKT-A01, **€ 25,-**
- **Rechargeable battery pack external**, operating time up to 20 h without backlight, charging time approx. 10 h, can be retrofitted, not for IKT-M, KERN KS-A01, **€ 180,-**
- **Signal lamp** for visual support of weighing with tolerance range, KERN IKT-A04, **€ 250,-**
- **RS-232/Ethernet adapter**, to connect balances with an RS-232 interface to a network via Ethernet, for details see page 180, KERN YKI-01, **€ 390,-**
- **RS-232/USB adapte**, to connect peripheral devices with USB connection, for details see page 181, KERN AFH 12, **€ 85,-**
- **Set for underfloor weighing**, only for models with weighing plate size Ⓑ, KERN DS-A01, **€ 200,-**
- **Stand** to elevate display device, height of stand approx. 480 mm, only for models with weighing plate size Ⓑ, Ⓒ, KERN IKT-A06, **€ 100,-**
- **Wall mount** for display device, KERN IKT-A03, **€ 35,-**
- **Suitable printers** see page 177 ff.

Modes
① Weighing
② Counting
③ Dispensing
④ Recipe weighing
⑤ Checkweighing
⑥ Totalising with daily total
⑦ Percentage determination
⑧ Animal weighing
⑨ Surface weight
⑩ Density determination, only with Ⓑ
⑪ Rapid function, not for

Functions
- Capacity display, with ① - ②, ⑤ - ⑦, ⑨ - ⑪
- Dispensing aid (subtractive/additive), with ③, ④
- Net/gross display, permanent, with ①, ③ - ⑤, ⑧ - ⑪
- Variable reference quantity, with ②
- Automatic reference optimisation, with ②
- PRE-TARE numerical or from the memory unit, with ① - ⑦, ⑪
- Input of item or batch description, operator etc., with ① - ⑦
- Freely programmable weighing unit, e.g. display direct in special units such as length of thread g/m, grammage g/m², or similar, with ⑨
- Date/time, with ① - ⑪
- Statistical function, with ①
- GLP printout, with ① - ⑪
- Individual formatting of up to 16 printer forms, recipes, operating mode master data in MS Excel, import via RS-232, for examples, see the internet, with ① - ⑪

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STANDARD															OPTION		FACTORY
CAL EXT ILT-NM	MEMORY	ALIBI	RS 232	SWITCH	PCS	RECIPE Ⓑ	SUM Ⓐ	PERCENT	UNIT	TOL	MOVE	MULTI Ⓑ	DMS	1 DAY	3 YEARS WARRANTY	ACCU not IKT-M	UNDER Ⓑ	DAkkS +3 DAYS	M +3 DAYS only IKT-M

Model KERN	Weighing range [Max] kg	Readout [d] g	Verification value [e] g	Minimum load [Min] g	Min. piece weight [Counting] g/piece	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options Verification MⅢ KERN	Options Verification €	DAkkS Calibr. Certificate DKD KERN	DAkkS Calibr. Certificate €
IKT 6K0.1	6	0,1	–	–	0,1	7,5	Ⓑ	**830,-**	–	–	963-128	88,-
IKT 12K0.2	12	0,2	–	–	0,2	7,5	Ⓑ	**830,-**	–	–	963-128	88,-
IKT 30K0.5	30	0,5	–	–	0,5	7,5	Ⓑ	**830,-**	–	–	963-128	88,-
IKT 60K1L	60	1	–	–	1	9,5	Ⓒ	**1050,-**	–	–	963-129	105,-
IKT 120K2L	120	2	–	–	2	9,5	Ⓒ	**1050,-**	–	–	963-129	105,-
IKT 150K2XL	150	2	–	–	2	20	Ⓓ	**1200,-**	–	–	963-129	105,-
IKT 300K5XL	300	5	–	–	5	20	Ⓓ	**1200,-**	–	–	963-129	105,-
High-resolution display												
IKT 3K0.01S	3	0,01	–	–	0,01	5,1	Ⓐ	**920,-**	–	–	963-127	72,-
IKT 8K0.05	8	0,05	–	–	0,05	7,5	Ⓑ	**850,-**	–	–	963-128	88,-
IKT 10K0.1S	10	0,1	–	–	0,1	5,1	Ⓐ	**850,-**	–	–	963-128	88,-
IKT 16K0.1	16	0,1	–	–	0,1	7,5	Ⓑ	**850,-**	–	–	963-128	88,-
IKT 30K0.1	30	0,1	–	–	0,1	7,5	Ⓑ	**850,-**	–	–	963-128	88,-
IKT 30K0.1L	30	0,1	–	–	0,1	9,5	Ⓒ	**1150,-**	–	–	963-128	88,-
IKT 36K0.2	36	0,2	–	–	0,2	7,5	Ⓑ	**850,-**	–	–	963-128	88,-
IKT 36K0.2L	36	0,2	–	–	0,2	9,5	Ⓒ	**1050,-**	–	–	963-128	88,-
IKT 60K0.2L	60	0,2	–	–	0,2	9,5	Ⓒ	**1120,-**	–	–	963-129	105,-
IKT 65K0.5L	65	0,5	–	–	0,5	9,5	Ⓒ	**1050,-**	–	–	963-129	105,-
IKT 100K0.5L	100	0,5	–	–	0,5	9,5	Ⓒ	**1150,-**	–	–	963-129	105,-
IKT 150K1L	150	1	–	–	1	9,5	Ⓒ	**1150,-**	–	–	963-129	105,-
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.												
IKT 6K1M	6	1	1	20	1	7,5	Ⓑ	**990,-**	965-228	55,-	963-128	88,-
IKT 12K2M	12	2	2	40	2	7,5	Ⓑ	**990,-**	965-228	55,-	963-128	88,-
IKT 30K5M	30	5	5	100	5	7,5	Ⓑ	**1010,-**	965-228	55,-	963-128	88,-
IKT 60K10LM	60	10	10	200	10	9,5	Ⓒ	**1250,-**	965-229	93,-	963-129	105,-
IKT 120K20LM	120	20	20	400	20	9,5	Ⓒ	**1250,-**	965-229	93,-	963-129	105,-

Platform scale KERN ILT

PREMIUM
★★★

Modes
① Weighing
② Counting
③ Percentage determination
④ Dispensing
⑤ Recipe weighing
⑥ Density determination
⑦ Animal weighing

Functions
• Capacity display, with ① – ⑦
• Dispensing assistance, with ④, ⑤
• Net/gross display, permanent, with ① – ⑦
• Variable reference quantity, with ②
• Automatic reference optimisation, with ②
• PRE-TARE numerical or from the memory unit, with ① – ⑦
• Input of item or batch description, operator etc., with ① – ⑦
• Freely programmable weighing unit, with ① – ⑦
• Date/time, with ① – ⑦
• Statistical function, with ① – ⑦
• GLP printout, with ① – ⑦
• Individual formatting with ① – ⑦

KERN ILT-BAM

KERN ILT-BAM   **KERN ILT-NM**   **KERN ILT-GAM**

Modern premium touchscreen platform scale with the complete range of functions for demanding processes

User-friendly piece-counting function: creation and recall items to be counted from the database with all relevant additional data such as piece weight, name, price (for internal valuation), reference quantity, tare container weight, barcode, item image etc. Also integrated: automatic reference optimisation, correction of reference weights, freely selectable reference quantity and much more **Note:** on the basis of the KERN ILT range, you can put together a wide range of high-performance counting systems - your KERN product specialist will be pleased to advise you

Backlit and touch-sensitive LCD display
with digit height 21 mm, screen diagonal 5,7" (145 mm), WxH 115x86 mm. Dimensions of display device WxDxH 215x156x71 mm. Thanks to the interactive touch display, the menu and processes are self-explanatory. This reduces the training times, avoids operating errors and in this way, ensures more efficient functionality

Intuitive operation, increases efficiency and saves costs: Easy capture of item data at the PC, call up of items on the balance using the connected barcode or RFID scanner, output of weighing data using the large or second display or control outputs, data transfer to the PC, printer or alibi memory.

Identification by RFID: rapid and secure identification of users, items, vehicles, etc. using the optional RFID transponder card reader. The data can be read and edited (suitable for ILT-BAM, -GAM, KXE-TAM)

Item recognition using the optional barcode scanner is possible, see accessories. Ideal for rapid recording of items, e.g. as part of a stocktake or to record recipe ingredients as part of a recipe etc.

09

Platform scale KERN ILT

Features

- **Convenient recipe-weighing:** complete recipes with all recipe ingredients and associated target values, names, tolerances, tare weights etc. can be stored. If there is an excess amount of one recipe ingredient the practical back calculation function automatically calculates the new target weights of the other ingredients
- **Multiplier function:** recipes with the ingredient weights recorded as percentage values can easily be replicated by entering a new target weight. The ideal solution for the preparation of larger containers, bulk packs etc.
- **Best-before dates** can be stored and printed for each item
- **Statistical function** for statistical analysis of series of measurements
- **User-friendly batch management** with batch master and batch number assignment, classification, batch derivation, batch determination, batch status management, shelf-life processing, documentary, original and WIP batches, batch-specific units of measure, batch where-used list
- **Individual user settings can be stored:**
  - User name and number
  - Password
  - Menu language
  - User profile
  - Additional guest mode for users without log-in
  - Authorisations
- **Enormous database** for thousands of weighing results, items, recipes, recipe ingredients, container weights, user data etc. ILT-BAM, -GAM: 8 GB, ILT-NM,-C: 1 GB
- **Alibi memory:** paperless archive of weighing results, see page 214

- **Electronic level indicator** continuously checks the position of the balance, sounds an alarm when the device is out of balance and gives visual instructions on how to correct the situation (only ILT-NM, -C)
- **High level of process reliability:** you can define limit values for selected parameters, such as temperature, levelling, minimum load, adjustment, etc. When the value limit exceeds or falls below, a warning message will be issued and this can be stored with the measuring result
- **Individual print formats:** Printouts can be individually adjusted depending on operating mode, application or your own requirements, directly at the balance or the PC.

Technical data

- Cable length of display device ILT-BAM approx. 2,5 m; ILT-GAM, -NM, -C approx. 1 m
- Permissible ambient temperature ILT-NM, -BAM: 15 °C / 35 °C ILT-GAM -10 °C / 40 °C

Accessories

- only -GAM: **Protective working cover** over the display device standard. Can be re-ordered, scope of delivery: 5 items, KERN ILT-A02S05, **€ 19,-**
- **Transponder card reader**, RFID technology, dimensions WxDxH 133x98x30 mm, for details see page 186, KERN KET-A05, **€ 450,-**
- **Transponder cards**, 10 pieces, for details see page 186, KERN KET-A08, **€ 65,-**
- ② **Barcode scanner**, hand-held version, dimensions WxDxH 152x84x63 mm, details see page 184,

Variant RS-232, KERN PET-A05, **€ 350,-** Variant USB, KERN PET-A09, **€ 350,-**
- only-BAM,-GAM: **Signal lamp** for visual support of weighing with tolerance range. For details see page 185, KERN KET-A10, **€ 270,**
- **Wall mount** for display device, dimensions WxDxH 135x148x110 mm, for details see page 184, KERN KET-A02, **€ 190,-**
- **Second display**, dimensions WxDxH 150x58x100 mm, for details see page 184, KERN KET-A03, **€ 210,-**
- **Large display**, stainless steel, digit height 111,7 mm, dimensions WxDxH 635x195x48 mm, for details see page 184, KERN KET-A06, **€ 1450,-**
- **Analogue/Digital converter** to connect up to two platforms to the display device, for details see page 187, KERN KET-A01, **€ 350,-**
- **Label printer**, software for easy editing of (adhesive) labels included, for details see page 184
  thermodirect: KERN PET-A13, **€ 980,-**
  thermotransfer and thermodirect: KERN PET-A14, **€ 1000,-**
- **Software for database management**, for convenient maintenance of item data at the PC. For details see page 184, KERN KET-A04, **€ 300,-**
- **Cable with special length**, between display device and platform, for verified models which must be ordered at the time of purchase, KERN ILT-A03, **€ 250,-**
- **RS-232/USB adapter**, to connect peripheral devices with USB connection, for details see page 181, KERN AFH 12, **€ 85,-**
- **Suitable printers** and further, extensive accessories from page 177 ff.

09

STANDARD

CAL INT	CAL EXT	MEMORY	ALIBI	RS 232	USB	WLAN	SWITCH	LAN	PCS	RECIPE	SUM	PERCENT	UNIT	TOL	MOVE	IP 65	UNDER	MULTI
ILT-NM, -C	ILT-BAM, -GAM					only ILT-BAM, -GAM				only ILT-NM,-C	only ILT-BAM, -GAM					only ILT-BAM, -GAM		ILT-BAM, -GAM

FACTORY

DMS	FORCE	21 DAYS	3 YEARS WARRANTY	DAkkS +3 DAYS	M +3 DAYS
ILT-NM, -C	ILT-NM, -C			OPTION	not ILT-C
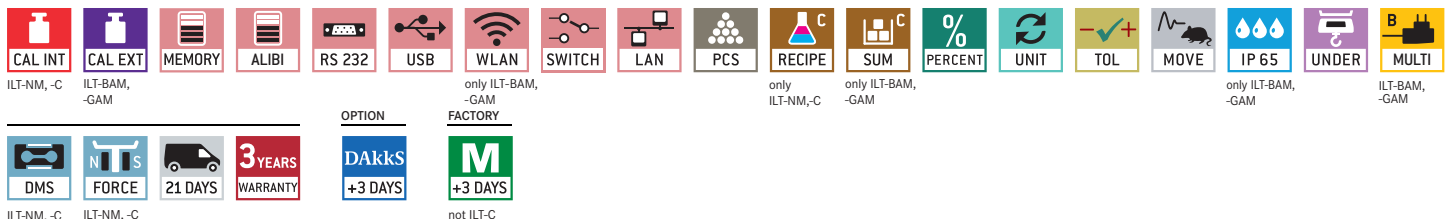
Model KERN	Weighing range [Max] kg	Readout [d] g	Verification value [e] g	Minimum load [Min] g	Weighing plate mm	Price excl. of VAT ex works €	Options			
							Verification KERN	€	DAkkS Calibr. Certificate DKD KERN	€
ILT 6K-3GAM	3 | 6	1 | 2	1 | 2	40	230x230	**2200,-**	965-228	55,-	963-128	88,-
ILT 6K-4BAM	6	0,1	1	5	195x195	**2200,-**	965-217	77,-	963-128	88,-
ILT 10K-3GAM	6 | 15	2 | 5	2 | 5	40	300x240	**1900,-**	965-228	55,-	963-128	88,-
ILT 10K-3LGAM	6 | 15	2 | 5	2 | 5	40	400x300	**1870,-**	965-228	55,-	963-128	88,-
ILT 10K-5NM	10	0,01	0,1	0,5	347x259	**3600,-**	965-217	77,-	963-128	88,-
ILT 30K-2GAM	15 | 30	5 | 10	5 | 10	200	400x300	**2200,-**	965-228	55,-	963-128	88,-
ILT 60K-2GAM	30 | 60	10 | 20	10 | 20	400	400x300	**2200,-**	965-229	93,-	963-129	105,-
ILT 60K-2LGAM	30 | 60	10 | 20	10 | 20	400	500x400	**2150,-**	965-229	93,-	963-129	105,-
ILT 35K-4NM	35	0,1	1	5	347x259	**4200,-**	965-217	77,-	963-128	88,-
ILT 50K-4C	50	0,1	–	–	347x259	**5500,-**	–	–	963-128	88,-
ILT 60K-3BAM	60	1	10	50	500x400	**2400,-**	965-218	110,-	963-129	105,-
ILT 100K-2GAM	60 | 150	20 | 50	20 | 50	1000	500x400	**2100,-**	965-229	93,-	963-129	105,-
ILT 100K-2LGAM	60 | 150	20 | 50	20 | 50	1000	650x500	**2200,-**	965-229	93,-	963-129	105,-
ILT 300K-2GAM	150 | 300	50 | 100	50 | 100	2000	650x500	**2200,-**	965-229	93,-	963-129	105,-
Dual-range balance switches automatically to the next largest weighing range [Max] and readout [d].										
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 platform scales KERN ILS-C · ILJ-C

PREMIUM ★★★

1

High-resolution industrial scale, available also with internal adjustment and EC type approval [M]

Features

- **Laboratory scale with separate display device:** Ideal when working in a glove bag or under laboratory fume hoods. Particularly practical for weighing toxic, volatile or contaminated substances
- **1** Particularly suitable for compact, very dense samples, e.g. those in road construction or the construction industry
- **Robust construction of platform** ensures stability, protects the weighing system and is durable enough for with everyday use
- **2** only KERN ILJ-C: **Automatic internal adjustment** in the case of temperature change ≥ 3 °C and time-controlled every 3 hours
- **Alibi memory:** paperless archive of weighing results, see page 214

- **Internal memory** for up to 999 weighing results, 1000 items or recipe ingredients, 100 container weights, 100 users
- **PRE-TARE function** for manual subtraction of a known container weight, useful for checking fill-levels
- **Weighing with tolerance range (checkweighing):** a visual signal helps with portioning, dispensing or grading
- **Totalising** of weights (manual/automatic)
- **GLP/ISO record keeping of weight values** with date, time, user ID, project and serial number in combination with an appropriate KERN printer
- **Density determination** of liquids and solids. Step by step user guidance on display. The density is indicated directly on the display. Note: For interesting facts about density determination see page 214
- **Hook** for underfloor weighing standard

Technical data

- Large backlit LCD display, digit height 18 mm
- Dimensions of weighing plate WxD 347x259 mm
- Dimensions of display device WxDxH 270x165x115 mm
- Permissible ambient temperature 10 °C / 40 °C

Accessories

- **Protective working cover** over the display device, standard. Can be re-ordered, scope of delivery: 5 items, KERN ILS-A02S05, **€ 35,-**
- **WLAN interface** for wireless connection of the balance to networks and WLAN capable devices, such as tablets, laptops or smartphones, KERN PLJ-A06, **€ 135,-**
- **Alibi memory software** for viewing and saving data from the alibi memory onto a PC connected to the system, KERN PET-A16, **€ 300,-**
- **Suitable printers** and further, extensive accessories from page 177 ff.

STANDARD   OPTION   FACTORY

CAL INT	CAL EXT	MEMORY	ALIBI	RS 232	PCS	SUM	PERCENT	UNIT	TOL	UNDER	MULTI	FORCE	1 DAY	3 YEARS WARRANTY	DAkkS +3 DAYS	WLAN	M +3 DAYS
2	only ILS-C		only ILJ-C														only ILJ

Model	Weighing range [Max]	Readout [d]	Verification value [e]	Minimum load [Min]	Net weight approx.	Price excl. of VAT ex works	Options			
							Verification		DAkkS Calibr. Certificate	
KERN	kg	g	g	g	kg	€	M⊞ KERN	€	DKD KERN	€
ILS 30K-4C	30	0,1	–	–	14,5	**1790,-**	–	–	963-128	88,-
ILS 50K-4C	50	0,1	–	–	14,5	**2320,-**	–	–	963-128	88,-
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.										
ILJ 25K-4CM	25	0,1	1	5	19,9	**2050,-**	965-217	77,-	963-128	88,-

Tradition and innovation for more than 170 years

An independent family business, KERN since already 7 generations is synonymous with quality and reliability in customer service.
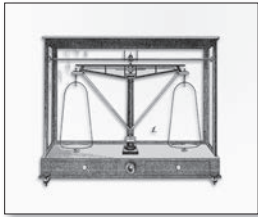
▸ 1844

KERN is founded – precision balances are produced

▸ 1863

A proud Gottlieb Kern with his staff

▸ 1880

Pharmaceutical balance with Aesculap

▸ 1923

Inflation – KERN wages are paid with self printed currency

▸ 1980

The electronic balance ousts mechanical devices

▸ 1994

Accredited DKD laboratory (ISO 17025)

▸ 2000

New premises in Balingen

▸ 2002

Existing QM system certification in accordance with DIN EN ISO 9001:2000 standards

▸ 2007

Approval for the manufacture of medical products (DIN EN 13485 and 93/42/EEC)

▸ 2008

Authorisation for initial verification by the manufacturer (2009/23/EC)

▸ 2009

Approval for the manufacture and sale of height rods (DIN EN 13485 and 93/42/EEC)

▸ 2012

Verification point for non-automatic balances and test weights.

New customer portal www.kern-sohn.com goes live

▸ 2014

Expansion of the product range to include optical instruments (microscopes and refractometers)

▸ 2015

Inauguration of Ziegelei 2.0 with computer-controlled high-bay warehouse

👍 Our Tip

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www.balingen.de
➔ "Kultur"

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- Sales & service hotline available from 8:00 am to 6:00 pm

reliable

- 3 years warranty for balances over € 400,–
- Precision in weighing technology for more than 170 years

competent

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- Certified QM system DIN EN ISO 9001:2008
- Authorisation for initial verification by the manufacturer 2009/23/EC
- Medical certifications DIN EN ISO 13485 and 93/42/EEC

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Quality Management
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APPROVAL FOR
MANUFACTURE
OF MEDICAL
PRODUCTS
EN 13485 and
93/42/EEC

AUTHORISATION
FOR INITIAL
VERIFICATION
BY THE
MANUFACTURER
2009/23/EC

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Member