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## PARCEL SCALES, PLATFORM SCALES

Whether in the warehouse, production or dispatch, our parcel and platform scales offer the perfect solution for precise and reliable weighing. With a robust design and straightforward handling, they make light work of all weighing tasks, from small parcels to heavy loads. Benefit from the sturdy construction and long-lasting reliability of our products.

Discover our selection now and find the perfect balance for your requirements!



### Digital weighing data – with KERN EasyTouch

Discover KERN EasyTouch - innovative software, which combines the precision of our tried and tested KERN balances with the versatility of Windows or Android environments.

#### This is how KERN EasyTouch works:

1. Collection of weighing and measuring data using an appropriate measuring device
2. Transfer, saving and processing in relation to master data such as item data, order data, batch data and user data
3. Output or transfer of data to connected systems or peripheral devices

#### Tip: Turn your balance into a powerful weighing system!

Using the KERN EasyTouch App even a simple single balance can be made into a powerful weighing system, which offers a range of functions. To do this you simply have to install the KERN EasyTouch App on your PC or tablet (Windows® or Android™), connect the balance (either with cable or wireless), activate the App and you will be able to control your balance using your PC or tablet straightaway (see page 136).




# Quick-Finder Parcel Scales/Platform Scales

Readability	Weighing capacity [Max]	Weighing plate WxDxH mm	Model	Page	M	CAL EXT	KUP	RS 232	ALIBI	KCP PROTOCOL	PCS	IP	BATT	ACCU
[d]	kg	mm	KERN		For an explanation on the pictos, see the front flap									
0,01	3	230x230x103	DS 3K0.01S	111	●	●	○	●	●	●	●	●	●	○
0,05	5	230x230x103	DS 5K0.05S	111	●	●	○	●	●	●	●	●	●	○
0,05	8	308x318x75	DS 8K0.05	111	●	●	○	●	●	●	●	●	●	○
0,1   0,2	3   6	300x300x110	IOC 6K-4	106	●	●	○	○	●	●	●	●	●	○
0,1	3	230x230x106	IFB 3K-4	110	●	●	○	○	●	●	●	●	●	○
0,1	3	230x230x106	IFC 3K-4	108	435,-	●	●	○	○	●	●	●	●	○
0,1	10	230x230x103	DS 10K0.1S	111	●	●	○	●	●	●	●	●	●	○
0,1	16	308x318x75	DS 16K0.1	111	●	●	○	●	●	●	●	●	●	○
0,1	20	308x318x75	DS 20K0.1	111	●	●	○	●	●	●	●	●	●	○
0,1	30	308x318x75	DS 30K0.1	111	●	●	○	●	●	●	●	●	●	○
0,1	30	500x400x125	DS 30K0.1L	111	●	●	○	●	●	●	●	●	●	○
0,2   0,5	6   15	300x240x110	IOC 10K-4	106	●	●	○	○	●	●	●	●	●	○
0,2   0,5	6   15	300x300x110	EOC 10K-4	104	●	●	○	○	●	●	●	●	●	○
0,2   0,5	6   15	318x308x88	DE 15K0.2D	102	●	●	○	○	●	●	●	●	●	○
0,2   0,5	6   15	400x300x110	IOC 10K-4L	106	●	●	○	○	●	●	●	●	●	○
0,2	6	230x230x106	IFB 6K-4S	110	●	●	○	○	●	●	●	●	●	○
0,2	6	230x230x106	IFC 6K-4S	108	435,-	●	●	○	○	●	●	●	●	○
0,2	6	300x240x109	IFB 6K-4	110	●	●	○	○	●	●	●	●	●	○
0,2	6	300x240x109	IFC 6K-4	108	450,-	●	●	○	○	●	●	●	●	○
0,2	6	300x240x109	IXC 6K-4	112	●	●	○	○	●	●	●	●	●	○
0,2	36	308x318x75	DS 36K0.2	111	●	●	○	○	●	●	●	●	●	○
0,2	36	500x400x125	DS 36K0.2L	111	●	●	○	○	●	●	●	●	●	○
0,2	60	500x400x125	DS 60K0.2	111	●	●	○	○	●	●	●	●	●	○
0,5   1	15   30	400x300x110	IOC 30K-4	106	●	●	○	○	●	●	●	●	●	○
0,5   1	15   35	300x300x110	EOC 30K-4S	104	●	●	○	○	●	●	●	●	●	○
0,5   1	15   35	318x308x88	DE 35K0.5D	102	●	●	○	○	●	●	●	●	●	○
0,5   1	15   35	500x400x120	EOC 30K-4	104	●	●	○	○	●	●	●	●	●	○
0,5	6	300x300x110	EOC 6K-4A	104	●	●	○	○	●	●	●	●	●	○
0,5	6	318x308x75	DE 6K0.5A	102	●	●	○	○	●	●	●	●	●	○
0,5	15	300x240x109	IFB 10K-4	110	●	●	○	○	●	●	●	●	●	○
0,5	15	300x240x109	IFC 10K-4	108	470,-	●	●	○	○	●	●	●	●	○
0,5	15	300x240x109	IXC 10K-4	112	●	●	○	○	●	●	●	●	●	○
0,5	15	400x300x117	IFC 10K-4L	108	●	●	○	○	●	●	●	●	●	○
0,5	15	400x300x117	IXC 10K-4L	112	●	●	○	○	●	●	●	●	●	○
0,5	65	500x400x125	DS 65K0.5	111	●	●	○	○	●	●	●	●	●	○
0,5	100	500x400x125	DS 100K0.5	111	●	●	○	○	●	●	●	●	●	○
1   2	3   6	230x230x106	IFB 6K-3SM	110	○	●	○	○	●	●	●	●	●	○
1   2	3   6	230x230x106	IFC 6K1DSM	108	435,-	●	●	○	○	●	●	●	●	○
1   2	3   6	300x240x109	IFC 6K1DM	108	440,-	●	●	○	○	●	●	●	●	○
1   2	3   6	300x240x109	IXC 6K-3M	112	○	●	○	○	●	●	●	●	●	○
1   2	3   6	300x300x110	EOC 6K-3	104	●	●	○	○	●	●	●	●	●	○
1   2	3   6	300x300x110	IOC 6K-3M	106	○	●	○	○	●	●	●	●	●	○
1   2	3   6	318x308x75	DE 6K1D	102	●	●	○	○	●	●	●	●	●	○
1   2	30   60	300x300x110	EOC 60K-3	104	●	●	○	○	●	●	●	●	●	○
1   2	30   60	318x308x88	DE 60K1D	102	●	●	○	○	●	●	●	●	●	○
1   2	30   60	400x300x110	IOC 60K-3	106	●	●	○	○	●	●	●	●	●	○
1   2	30   60	500x400x120	EOC 60K-3L	104	●	●	○	○	●	●	●	●	●	○
1   2	30   60	500x400x120	IOC 60K-3L	106	●	●	○	○	●	●	●	●	●	○
1   2	30   60	522x406x98	DE 60K1DL	102	●	●	○	○	●	●	●	●	●	○
1	12	300x300x110	EOC 10K-3A	104	●	●	○	○	●	●	●	●	●	○
1	12	318x308x75	DE 12K1A	102	●	●	○	○	●	●	●	●	●	○
1	30	400x300x117	IFC 30K-3	108	●	●	○	○	●	●	●	●	●	○
1	30	400x300x117	IXC 30K-3	112	●	●	○	○	●	●	●	●	●	○
1	30	500x400x127	IXC 30K-3L	112	●	●	○	○	●	●	●	●	●	○
1	150	500x400x125	DS 150K1	111	●	●	○	○	●	●	●	●	●	○
2   5	6   12	300x300x110	EOC 10K-3	104	●	●	○	○	●	●	●	●	●	○
2   5	6   15	300x240x109	IFC 15K2DM	108	500,-	●	●	○	○	●	●	●	●	○
2   5	6   15	300x240x109	IXC 10K-3M	112	○	●	○	○	●	●	●	●	●	○
2   5	6   15	300x240x110	IOC 10K-3M	106	○	●	○	○	●	●	●	●	●	○
2   5	6   15	318x308x75	DE 15K2D	102	●	●	○	○	●	●	●	●	●	○
2   5	6   15	400x300x110	IOC 10K-3LM	106	○	●	○	○	●	●	●	●	●	○
2   5	6   15	400x300x117	IFC 15K2DLM	108	550,-	●	●	○	○	●	●	●	●	○
2   5	6   15	400x300x117	IXC 10K-3LM	112	○	●	○	○	●	●	●	●	●	○
2   5	60   150	300x300x110	EOC 100K-3	104	●	●	○	○	●	●	●	●	●	○
2   5	60   150	318x308x88	DE 150K2D	102	●	●	○	○	●	●	●	●	●	○
2   5	60   150	500x400x120	EOC 100K-3L	104	●	●	○	○	●	●	●	●	●	○
2   5	60   150	500x400x120	IOC 100K-3	106	●	●	○	○	●	●	●	●	●	○
2   5	60   150	522x406x98	DE 150K2DL	102	●	●	○	○	●	●	●	●	●	○
2   5	60   150	650x500x150	IOC 100K-3L	106	●	●	○	○	●	●	●	●	●	○
2	6	300x240x109	SFE 6K-3NM	114	○	●	○	○	●	●	●	●	●	○
2	24	300x300x110	EOC 20K-3A	104	●	●	○	○	●	●	●	●	●	○

# Quick-Finder Parcel Scales/Platform Scales

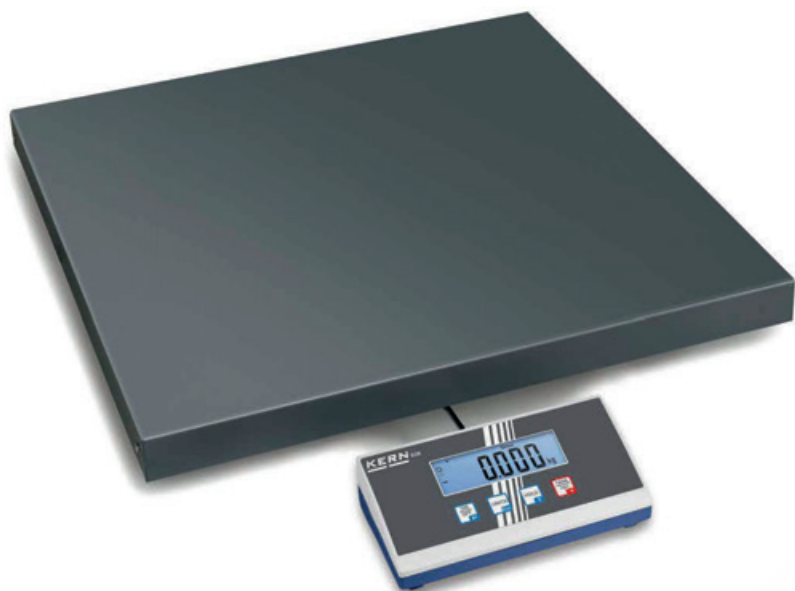
Readability	Weighing capacity [Max]	Weighing plate WxDxH mm	Model	Page	M	CAL EXT	KUP	RS 232	ALIBI	KCP PROTOCOL	PCS	IP	BATT	ACCU
[d]	kg	mm	KERN		For an explanation on the pictos, see the front flap									
2	24	318x308x75	DE 24K2A	102	●							●	●	○
2	60	400x300x117	IFC 60K-3	108	●	●	○	○	●	●	●	●	○	○
2	60	400x300x117	IXC 60K-3	112	●				○	○	●	●	○	○
2	60	500x400x127	IFB 60K-3L	110	●				●	●	●	●	○	○
2	60	500x400x127	IFC 60K-3L	108	●	●	○	○	●	●	●	●	○	○
2	60	500x400x127	IXC 60K-3L	112	●	●	○	○	●	●	●	●	○	○
5   10	15   30	400x300x110	IOC 30K-3M	106	○	●			○	○	●	●	○	○
5   10	15   30	400x300x117	IFB 30K5DM	110	○	●			○	○	●	●	○	○
5   10	15   30	400x300x117	IFC 30K5DM	108	○	●	●		○	○	●	●	○	○
5   10	15   30	400x300x117	IXC 30K-3M	112	○	●			○	○	●	●	○	○
5   10	15   30	500x400x127	IXC 30K-3LM	112	○	●			○	○	●	●	○	○
5   10	15   35	300x300x110	EOC 30K-3	104	●				●	●	●	●	○	○
5   10	15   35	318x308x75	DE 35K5D	102	●				●	●	●	●	○	○
5   10	15   35	500x400x120	EOC 30K-3L	104	●				●	●	●	●	○	○
5   10	15   35	522x403x83	DE 35K5DL	102	●				●	●	●	●	○	○
5   10	150   300	500x400x120	EOC 300K-3	104	●				●	●	●	●	○	○
5   10	150   300	522x406x98	DE 300K5DL	102	●				●	●	●	●	○	○
5   10	150   300	650x500x150	IOC 300K-3	106	●				○	○	●	●	○	○
5	15	300x240x109	SFE 10K-3NM	114	○	●						●	●	○
5	15	315x305x57	EOE 10K-3	99	●								●	○
5	15	315x305x57	EOB 15K5	100	●								●	○
5	15	400x300x117	SFE 10K-3LNM	114	○	●						●	●	○
5	60	300x300x110	EOC 60K-3A	104	●				●	●	●	●	○	○
5	60	318x308x75	DE 60K5A	102	●				●	●	●	●	○	○
5	150	500x400x127	IFB 100K-3	110	●				●	●	●	●	○	○
5	150	500x400x127	IFC 150K-3	690,- 108	●	●	○	○	●	●	●	●	○	○
5	150	500x400x127	IXC 100K-3	112	●				○	○	●	●	○	○
5	150	650x500x139	IXC 100K-3L	112	●				○	○	●	●	○	○
5	150	650x500x139	IFB 100K-3L	110	●				●	●	●	●	○	○
5	150	650x500x139	IFC 150K-3L	890,- 108	●	●	○	○	●	●	●	●	○	○
10   20	30   60	300x300x110	EOC 60K-2	104	●				●	●	●	●	○	○
10   20	30   60	318x308x75	DE 60K10D	102	●				●	●	●	●	○	○
10   20	30   60	400x300x110	IOC 60K-2M	106	○	●			○	○	●	●	○	○
10   20	30   60	400x300x117	IFB 60K10DM	110	○	●			○	○	●	●	○	○
10   20	30   60	400x300x117	IFC 60K10DM	108	○	●	●		○	○	●	●	○	○
10   20	30   60	400x300x117	IXC 60K-2M	112	○	●			○	○	●	●	○	○
10   20	30   60	500x400x120	EOC 60K-2L	104	●				●	●	●	●	○	○
10   20	30   60	500x400x120	IOC 60K-2LM	106	○	●			○	○	●	●	○	○
10   20	30   60	500x400x127	IFB 60K10DLM	110	○	●			○	○	●	●	○	○
10   20	30   60	500x400x127	IFC 60K10DLM	108	○	●	●		○	○	●	●	○	○
10   20	30   60	500x400x127	IXC 60K-2LM	112	○	●			○	○	●	●	○	○
10   20	30   60	522x403x83	DE 60K10DL	102	●				●	●	●	●	○	○
10   20	300   600	800x600x200	IOC 600K-2	106	●				○	○	●	●	○	○
10	30	300x240x109	SFE 30K-2NM	114	○	●						●	●	○
10	35	315x305x57	EOE 30K-2	99	●								●	○
10	35	315x305x57	EOB 35K10	100	●								●	○
10	120	318x308x75	DE 120K10A	102	●				●	●	●	●	○	○
10	120	500x400x120	EOC 100K-2A	104	●				●	●	●	●	○	○
10	300	650x500x139	IXC 300K-3	112	●				○	○	●	●	○	○
10	300	650x500x139	IFB 300K-2	110	●				●	●	●	●	○	○
10	300	650x500x139	IFC 300K-2	900,- 108	●	●	○	○	●	●	●	●	○	○
20   50	60   150	300x300x110	EOC 100K-2	104	●				●	●	●	●	○	○
20   50	60   150	318x308x75	DE 150K20D	102	●				●	●	●	●	○	○
20   50	60   150	500x400x120	EOC 100K-2L	104	●				●	●	●	●	○	○
20   50	60   150	500x400x120	IOC 100K-2M	106	○	●			○	○	●	●	○	○
20   50	60   150	500x400x127	IFB 150K20DM	110	○	●			○	○	●	●	○	○
20   50	60   150	500x400x127	IFC 150K20DM	108	○	●	●		○	○	●	●	○	○
20   50	60   150	500x400x127	IXC 100K-2M	112	○	●			○	○	●	●	○	○
20   50	60   150	522x403x83	DE 150K20DL	102	●				●	●	●	●	○	○
20   50	60   150	600x500x150	EOC 100K-2XL	104	●				●	●	●	●	○	○
20   50	60   150	650x500x139	IXC 100K-2LM	112	○	●			○	○	●	●	○	○
20   50	60   150	650x500x139	IFB 150K20DLM	110	○	●			○	○	●	●	○	○
20   50	60   150	650x500x139	IFC 150K20DLM	108	○	●	●		○	○	●	●	○	○
20   50	60   150	650x500x150	IOC 100K-2LM	106	○	●			○	○	●	●	○	○
20   50	60   150	650x500x89	DE 150K20DXL	102	●				●	●	●	●	○	○
20   50	60   150	950x500x60	EOC 100K-2XXL	104	●				●	●	●	●	○	○
20	60	315x305x57	EOE 60K-2	99	●								●	○
20	60	315x305x57	EOB 60K20	100	●								●	○
20	60	400x300x117	SFE 60K-2NM	114	○	●						●	●	○
20	60	500x400x127	SFE 60K-2LNM	114	○	●						●	●	○
20	60	550x550x58	EOE 60K-2L	99	●								●	○

# Quick-Finder Parcel Scales/Platform Scales

Readability	Weighing capacity [Max]	Weighing plate W×D×H	Model	Page												
[d] g	kg	mm	KERN		For an explanation on the pictos, see the front flap											
20	60	550×550×58	EOB 60K20L	100	●											●
20	600	800×600×192	IFC 600K-2	108	●	●	○	○	●	●	●	●	●	●	○	
20	600	800×600×192	IFB 600K-2	110	●		●		●	●	●	●	●	●	○	
50   100	150   300	500×400×120	EOC 300K-2	104	●		●		●	●	●	●	●	●	○	
50   100	150   300	522×403×83	DE 300K50D	102	●		●		●	●	●	●	●	●	○	
50   100	150   300	600×500×150	EOC 300K-2L	104	●		●		●	●	●	●	●	●	○	
50   100	150   300	650×500×139	IXC 300K-2M	112	○	●		○	○	●	●	●	●	●	○	
50   100	150   300	650×500×139	IFB 300K50DM	110	○	●		●		●	●	●	●	●	○	
50   100	150   300	650×500×139	IFC 300K50DM	900,-	108	○	●	●	○	○	●	●	●	●	○	
50   100	150   300	650×500×150	IOC 300K-2M	106	○	●		●	○	●	●	●	●	●	○	
50   100	150   300	650×500×90	DE 300K50DL	102	●		●		●	●	●	●	●	●	○	
50	150	315×305×57	EOE 100K-2	99	●										●	
50	150	315×305×57	EOB 150K50	100	●										●	
50	150	500×400×127	SFE 100K-2NM	114	○	●							●		●	
50	150	500×400×127	SFE 100K-2LNM	114	○	●							●		●	
50	150	550×550×58	EOE 150K50L	99	●										●	
50	150	550×550×58	EOB 150K50L	100	●										●	
50	150	650×500×139	SFE 100K-2XLNM	114	○	●							●		●	
50	150	950×500×58	EOE 150K50XL	99	●										●	
50	150	950×500×58	EOB 150K50XL	100	●										●	
50	150	950×500×58	EOS 150K50XL	101	●										●	
100   200	300   600	800×600×192	IFC 600K100DM	1090,-	108	○	●	●	○	○	●	●	●	●	○	
100   200	300   600	800×600×192	IFB 600K-1M	110	○	●		●		●	●	●	●	●	○	
100   200	300   600	800×600×200	IOC 600K-1M	106	○	●		●	○	●	●	●	●	●	○	
100	300	315×305×57	EOE 300K100	99	●										●	
100	300	315×305×57	EOB 300K100A	100	●										●	
100	300	550×550×58	EOE 300K100L	99	●										●	
100	300	550×550×58	EOB 300K100L	100	●										●	
100	300	650×500×139	SFE 300K-1LNM	114	○	●							●		●	
100	300	950×500×58	EOE 300K100XL	99	●										●	
100	300	950×500×58	EOB 300K100XL	100	●										●	
100	300	950×500×58	EOS 300K100XL	101	●										●	

News 2025

● Standard ○ Option



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

### Features

- 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 platform dimensions, steel, lacquered
  - A** W×D×H 315×305×57 mm
  - B** W×D×H 550×550×58 mm, see larger picture
  - C** W×D×H 950×500×58 mm
- Dimensions of display device W×D×H 235×114×51 mm
- 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, and screwed onto the platform, height of stand approx. 480 mm, for models with weighing plate size **A** KERN EOB-A01N
- Stand to elevate display device, height of stand approx. 1000 mm, KERN EOB-A02B
- **1** 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	Linearity g	Net weight approx. kg	Weighing plate	Options
							DAkKS Calibr. Certificate
KERN							DAkKS KERN
EOE 10K-3	15	5	5	± 10	4,0	<b>A</b>	963-128
EOE 30K-2	35	10	10	± 20	4,0	<b>A</b>	963-128
EOE 60K-2	60	20	20	± 40	4,0	<b>A</b>	963-129
EOE 60K-2L	60	20	20	± 40	14	<b>B</b>	963-129
EOE 100K-2	150	50	50	± 100	4,0	<b>A</b>	963-129
EOE 150K50L	150	50	50	± 100	14	<b>B</b>	963-129
EOE 150K50XL	150	50	50	± 100	18	<b>C</b>	963-129
EOE 300K100	300	100	100	± 200	4,0	<b>A</b>	963-129
EOE 300K100L	300	100	100	± 200	14	<b>B</b>	963-129
EOE 300K100XL	300	100	100	± 200	18	<b>C</b>	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 platform dimensions, stainless steel
  - A** W×D×H 315×305×57 mm
  - B** W×D×H 550×550×58 mm, see larger picture
  - C** W×D×H 950×500×58 mm
- Dimensions of display device W×D×H 235×114×51 mm
- 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, and screwed onto the platform, height of stand approx. 480 mm, for models with weighing plate size **A** KERN EOB-A01N
- **2** Stand to elevate display device, height of stand approx. 1000 mm, KERN EOB-A02B
- **3** Non-slip rubber mat, W×D×H 945×505×5 mm, KERN EOE-A01

#### STANDARD



#### OPTION



Model	Weighing capacity [Max]	Readability	Reproducibility	Linearity	Cable length (Spiral cable) approx.	Net weight approx.	Weighing plate	Options
								DAkKS Calibr. Certificate
KERN	kg	[d]	g	g	m	kg		DAkKS KERN
EOB 15K5	15	5	5	± 10	1,8	3,8	<b>A</b>	963-128
EOB 35K10	35	10	10	± 20	1,8	3,8	<b>A</b>	963-128
EOB 60K20	60	20	20	± 40	1,8	3,8	<b>A</b>	963-129
EOB 60K20L	60	20	20	± 40	2,7	13	<b>B</b>	963-129
EOB 150K50	150	50	50	± 100	1,8	3,8	<b>A</b>	963-129
EOB 150K50L	150	50	50	± 100	2,7	13	<b>B</b>	963-129
EOB 150K50XL	150	50	50	± 100	2,7	17	<b>C</b>	963-129
EOB 300K100A	300	100	100	± 200	1,8	3,8	<b>A</b>	963-129
EOB 300K100L	300	100	100	± 200	2,7	13	<b>B</b>	963-129
EOB 300K100XL	300	100	100	± 200	2,7	17	<b>C</b>	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
- **1** The scale can be easily transported using rollers and a handle and does not require much storage space
- 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
- Weighing platform dimensions, stainless steel, W×D×H 950×500×58 mm
- Dimensions of display device W×D×H 235×114×51 mm
- Cable length display device, spiral cable, approx. 2,7 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
- **2** Stand to elevate display device, height of stand approx. 1000 mm, KERN EOB-A02B

10

STANDARD



OPTION



Model	Weighing capacity [Max] kg	Readability [d] g	Reproducibility g	Linearity g	Net weight approx. kg	Options
						DAkKS Calibr. Certificate DAkKS KERN
<b>KERN</b> EOS 150K50XL	150	50	50	± 100	19	963-129
EOS 300K100XL	300	100	100	± 200	19	963-129



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



Animal weighing



Recipe-weighing



Piece counting





**Features**

- Thanks to battery operation/rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations
- Display device: Plastics, protection against dust and water splashes IP65, flexible positioning
- 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 platform dimensions, stainless steel
  - A** W×D×H 318×308×75 mm
  - B** W×D×H 318×308×88 mm
  - C** W×D×H 522×403×83 mm, see larger picture
  - D** W×D×H 522×406×98 mm
  - E** W×D×H 650×500×89 mm
- Dimensions of display device W×D×H 225×110×55 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
- Wall mount for display device, KERN DE-A13
- **2** Stand to elevate display device, Height of stand approx. 480 mm, KERN DE-A10
- Suitable for models with weighing plate size **C**, **D**, **E**: Mount to fasten the display device to the platform, KERN DE-A11N
- Individual header data: the free software SHM-01 can be used to print 4 header lines on the printout when using printer YKN-01
- 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	Options
									DAKkS Calibr. Certificate
Multi-division balance with high resolution readability, with increasing or decreasing load, it switches automatically to the next largest or smallest weighing range [Max] and readout [d].									
DE 15K0.2D	6   15	0,2   0,5	0,2   0,5	± 0,8   2	4	1	4,0	<b>B</b>	963-128
DE 35K0.5D	15   35	0,5   1	0,5   1	± 2   4	10	1	7	<b>B</b>	963-128
DE 60K1D	30   60	1   2	1   2	± 4   8	20	1,47	7	<b>B</b>	963-129
DE 60K1DL	30   60	1   2	1   2	± 4   8	20	1,4	15	<b>D</b>	963-129
DE 150K2D	60   150	2   5	2   5	± 8   20	40	1,6	7	<b>B</b>	963-129
DE 150K2DL	60   150	2   5	2   5	± 8   20	40	1,4	15	<b>D</b>	963-129
DE 300K5DL	150   300	5   10	5   10	± 20   40	100	1,4	15	<b>D</b>	963-129
Multi-division balance without high resolution readability									
DE 6K1D	3   6	1   2	1   2	± 3   6	40	1,4	4,8	<b>A</b>	963-128
DE 15K2D	6   15	2   5	2   5	± 6   15	100	1,4	4,8	<b>A</b>	963-128
DE 35K5D	15   35	5   10	5   10	± 15   30	100	1,4	4,8	<b>A</b>	963-128
DE 35K5DL	15   35	5   10	5   10	± 15   30	100	1,4	16	<b>C</b>	963-128
DE 60K10D	30   60	10   20	10   20	± 30   60	200	1,4	4,8	<b>A</b>	963-129
DE 60K10DL	30   60	10   20	10   20	± 30   60	200	1,4	16	<b>C</b>	963-129
DE 150K20D	60   150	20   50	20   50	± 60   150	400	1,5	5,0	<b>A</b>	963-129
DE 150K20DL	60   150	20   50	20   50	± 60   150	400	1,5	16	<b>C</b>	963-129
DE 150K20DXL	60   150	20   50	20   50	± 60   150	400	1,4	19	<b>E</b>	963-129
DE 300K50DL	150   300	50   100	50   100	± 150   300	2000	1,05	28	<b>E</b>	963-129
DE 300K50D	150   300	50   100	50   100	± 150   300	2000	1,25	16	<b>C</b>	963-129
DE 6K0.5A	6	0,5	0,5	± 1,5	10	1,4	4,8	<b>A</b>	963-128
DE 12K1A	12	1	1	± 3	20	1,4	4,8	<b>A</b>	963-128
DE 24K2A	24	2	2	± 6	40	1,4	4,8	<b>A</b>	963-128
DE 60K5A	60	5	5	± 15	100	1,4	4,8	<b>A</b>	963-129
DE 120K10A	120	10	10	± 30	200	1,4	5,0	<b>A</b>	963-129



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

10



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. 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**

- Thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations
- **Platform:** weighing plate of stainless steel, painted steel base, silicone-coated aluminium load cell with 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: 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
- KERN Communication Protocol (KCP): The KCP permits searching and remote control of the balance using external control devices or computers



**Technical data**

- Large backlit LCD display, digit height 25 mm
- Weighing platform dimensions W×D×H, stainless steel
  - A** 300×300×110 mm **B** 500×400×120 mm
  - 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** Suitable for models with weighing plate size **A - C**: Stand, to be screwed onto the platform, 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
- Modification 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

STANDARD



OPTION



Model	Weighing capacity [Max] kg	Readability [d] g	Reproducibility g	Linearity g	Smallest part weight (Normal) g/piece	Cable length Spiral cable** approx. m	Net weight approx. kg	Weighing plate	Options	
									DAkKS	Calibr. Certificate
Multi-range balance with high-resolution display, with increasing load it switches automatically to the next largest weighing range [Max] and readout [d] and when the load is fully removed, the balance switches back to the lower range										
EOC 10K-4	6   15	0,2   0,5	0,2   0,5	± 0,6   1,5	5	3	6	<b>A</b>		963-128
EOC 30K-4S	15   35	0,5   1	0,5   1	± 1,5   3	10	3	6	<b>A</b>		963-128
EOC 30K-4	15   35	0,5   1	0,5   1	± 1,5   3	10	3	9	<b>B</b>		963-128
EOC 60K-3	30   60	1   2	1   2	± 3   6	20	3	7	<b>A</b>		963-129
EOC 60K-3L	30   60	1   2	1   2	± 3   6	20	3	9	<b>B</b>		963-129
EOC 100K-3	60   150	2   5	2   5	± 6   15	50	3	6	<b>A</b>		963-129
EOC 100K-3L	60   150	2   5	2   5	± 6   15	50	3	9	<b>B</b>		963-129
EOC 300K-3	150   300	5   10	5   10	± 15   30	100	3	9	<b>B</b>		963-129
Multi-range balance without high-resolution display										
EOC 6K-3	3   6	1   2	1   2	± 3   6	2,5	3	6	<b>A</b>		963-128
EOC 10K-3*	6   12	2   5	2   5	± 6   15	5	3	6	<b>A</b>		963-128
EOC 30K-3	15   35	5   10	5   10	± 15   30	10	3	6	<b>A</b>		963-128
EOC 30K-3L	15   35	5   10	5   10	± 15   30	10	3	9	<b>B</b>		963-128
EOC 60K-2	30   60	10   20	10   20	± 30   60	20	3	7	<b>A</b>		963-129
EOC 60K-2L	30   60	10   20	10   20	± 30   60	20	3	9	<b>B</b>		963-129
EOC 100K-2	60   150	20   50	20   50	± 60   150	50	3	6	<b>A</b>		963-129
EOC 100K-2L	60   150	20   50	20   50	± 60   150	50	3	9	<b>B</b>		963-129
EOC 100K-2XL	60   150	20   50	20   50	± 60   150	50	3	19	<b>C</b>		963-129
EOC 100K-2XXL	60   150	20   50	20   50	± 60   150	100	**2,7	17	<b>D</b>		963-129
EOC 300K-2	150   300	50   100	50   100	± 150   300	100	3	9	<b>B</b>		963-129
EOC 300K-2L	150   300	50   100	50   100	± 150   300	100	3	19	<b>C</b>		963-129
EOC 6K-4A	6	0,5	0,5	± 1,5	2,5	3	6	<b>A</b>		963-128
EOC 10K-3A	12	1	1	± 3	5	3	7	<b>A</b>		963-128
EOC 20K-3A*	24	2	2	± 6	10	3	6	<b>A</b>		963-128
EOC 60K-3A	60	5	5	± 15	20	3	7	<b>A</b>		963-129
EOC 100K-2A	120	10	10	± 30	50	3	9	<b>B</b>		963-129

**!** \* ONLY WHILE STOCKS LAST



**10 Allround platform scale with a wide range of communication options, verification optional – also available as high-resolution version with fine display**



**1** 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. 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**

- A wide range of (optional) data interfaces allows easy transfer of weighing data to tablets, laptops, PCs, networks, smartphones, printers, etc.
- KERN Communication Protocol (KCP): The KCP permits searching and remote control of the balance using external control devices or computers. Only possible through data interface RS-232, other interfaces on request., for details see page 19
- Standardised, simplified concept of operation
- Thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations
- Platform: weighing plate of stainless steel, painted steel base, silicone-coated aluminium load cell with 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

**Technical data**

- Large LCD display, digit height 25 mm
- Weighing platform dimensions W×D×H, stainless steel
  - A** 300×240×110 mm **B** 300×300×110 mm
  - C** 400×300×110 mm **D** 500×400×120 mm
  - E** 650×500×150 mm **F** 800×600×200 mm

- Dimensions of display device W×D×H 268×115×80 mm
- Cable length of display device approx. 3 m
- Permissible ambient temperature -10 °C/40 °C

**Accessories**

- Protective working cover, scope of delivery 5 items, KERN EOC-A01S05
- Stand, to be screwed onto the platform, height of stand approx.330 mm, KERN EOC-A05
- Mount to fasten the display device to the platform, 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., must be ordered at purchase, KERN KIB-A03
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, 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, to connect an IP-based Ethernet network, continuous data transfer, must be ordered at purchase, KERN KIB-A02
- Signal lamp, including interface, for visual support of weighing with tolerance range, must be ordered at purchase, KERN KIB-A06
- **1** 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, KERN KIB-A12
- **2** Alibi memory, for paperless archiving of the weighing results with ID no., gross/net/tare value, date and time, must be ordered at purchase, KERN KIB-A13
- Alibi memory, including USB interface for exporting weighing results to external data storage media, such as, for example, USB sticks, hard drives, etc., must be ordered at purchase, KERN KIB-A01
- Modification 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

**3** Note: In addition to the RS-232 data interface, which is integrated as standard, only one other data interface can be installed and operated

STANDARD

OPTION

FACTORY

Model	Weighing capacity [Max]	Readability [d]	Verification value [e]	Minimal load [Min]	Net weight approx.	Weighing plate	Options	
							Verification	DAkKS Calibr. Certificate
KERN	kg	g	g	g	kg		MDD KERN	DAkKS KERN

Multi-range balance with high-resolution display, with increasing load it switches automatically to the next largest weighing range [Max] and readout [d] and when the load is fully removed, the balance switches back to the lower range

IOC 6K-4	3   6	0,1   0,2	-	20   40	6	<b>B</b>	-	963-128
IOC 10K-4	6   15	0,2   0,5	-	40   100	6	<b>A</b>	-	963-128
IOC 10K-4L	6   15	0,2   0,5	-	40   100	8	<b>C</b>	-	963-128
IOC 30K-4	15   30	0,5   1	-	100   200	8	<b>C</b>	-	963-128
IOC 60K-3	30   60	1   2	-	200   400	8	<b>C</b>	-	963-129
IOC 60K-3L	30   60	1   2	-	200   400	12	<b>D</b>	-	963-129
IOC 100K-3	60   150	2   5	-	400   1000	12	<b>D</b>	-	963-129
IOC 100K-3L	60   150	2   5	-	400   1000	22	<b>E</b>	-	963-129
IOC 300K-3	150   300	5   10	-	1000   2000	22	<b>E</b>	-	963-129
IOC 600K-2	300   600	10   20	-	2000   4000	32	<b>F</b>	-	963-130

Multi-range balance without high-resolution display

IOC 6K-3M	3   6	1   2	1   2	20   40	6	<b>B</b>	965-228	963-128
IOC 10K-3M	6   15	2   5	2   5	40   100	6	<b>A</b>	965-228	963-128
IOC 10K-3LM	6   15	2   5	2   5	40   100	8	<b>C</b>	965-228	963-128
IOC 30K-3M	15   30	5   10	5   10	100   200	8	<b>C</b>	965-228	963-128
IOC 60K-2M	30   60	10   20	10   20	200   400	8	<b>C</b>	965-229	963-129
IOC 60K-2LM	30   60	10   20	10   20	200   400	12	<b>D</b>	965-229	963-129
IOC 100K-2M	60   150	20   50	20   50	400   1000	12	<b>D</b>	965-229	963-129
IOC 100K-2LM	60   150	20   50	20   50	400   1000	22	<b>E</b>	965-229	963-129
IOC 300K-2M	150   300	50   100	50   100	1000   2000	22	<b>E</b>	965-229	963-129
IOC 600K-1M	300   600	100   200	100   200	2000   4000	32	<b>F</b>	965-230	963-130

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.

**2** It is essential that a verified balance which transfers measurements to external devices using an interface, has an alibi memory (KIB-A13). It is not possible to upgrade later

**1** ONLY WHILE STOCKS LAST



## The new IFC: Robust industrial scales with up to three interfaces, with optional verification

### Features

- Tough industry standard suitable for use in harsh industrial applications
- Standardised, convenient KERN concept of operation, consistency across products in terms of design, menu structure, button functions, interface connection and interface protocol
- KERN Universal Port (KUP): permits the connection of an external KUP interface adapter, such as, for example, RS-232, USB, Bluetooth, WiFi or Ethernet, for the exchange of data and control commands, without any installation outlay. Available as an option: RS-232, USB, Ethernet, WiFi, Bluetooth
- Each interface can be set up separately, e.g.:
  - Interface 1 (WiFi): Continuous sending to a PC for documentation of a process
  - Interface 2 (RS-232): Print stable weight
  - Interface 3 (analogue module): Controlling a device when the target weight is reached
- With Real Time Clock as standard: Enables you to log the weighing results with accurate time information. Even if the power supply is interrupted, the balance can continue to work with the correct time
- Available as an option with alibi memory for paperless archiving of weighing results. This also means the results of weighings with mandatory verification can be electronically evaluated and processed further
- KERN Communication Protocol (KCP): The KCP permits searching and remote control of the balance using external control devices or computers
- Simplified battery replacement through easily-accessible housing. Particularly advantageous for models with optional verification, as the verification seal remains intact
- Platform: weighing plate of stainless steel, painted steel base, silicone-coated aluminium load cell with 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 48 mm
- Weighing platform dimensions
  - A** W×D×H 230×230×106 mm
  - B** W×D×H 300×240×109 mm
  - C** W×D×H 400×300×117 mm (see larger picture)
  - D** W×D×H 500×400×127 mm
  - E** W×D×H 650×500×139 mm
  - F** W×D×H 800×600×192 mm
- Dimensions of display device W×D×H 220×145×65 mm
- Cable length of display device approx. 3 m
- Permissible ambient temperature -10 °C/40 °C



**Accessories**

- Protective working cover, scope of delivery 5 items, KERN YBA-A18S05
- Internal rechargeable battery pack, operating time up to 48 h without backlight, charging time approx. 8 h, KERN YKR-01
- **1** Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07
- Column for screwing the display device to the platform, for models with weighing plate size **A - F** Height of stand approx. 330 mm, KERN IFB-A01
- **C, D, E, F** Height of stand approx. 600 mm, KERN IFB-A02
- RS-232 interface adapter, KERN KUP-01

- USB interface adapter, KERN KUP-03
- Ethernet interface adapter, KERN KUP-04
- WiFi interface adapter, KERN KUP-05
- Bluetooth interface adapter, KERN KUP-06
- Analogue module, KERN KUP-08
- **2** \* Extension box for connecting up to three interfaces in parallel, KERN KUP-13
- Memory module (alibi memory), KERN YMM-04
- ESD drain to protect against electrostatic discharge e.g. for electrostatically-charged weighing objects or people who work with the scale, KERN YGR-01

- Signal lamp for visual support of weighing with tolerance range, connection is only possible in combination with KUP-01 (RS-232 interface), KERN CFS-A03
- **3** Roller conveyor attachment, with smooth-running, hot-dip galvanised steel rollers with ball bearings, robust aluminium profile frame for models  $\geq 30$  kg [Max] with weighing plate size **C** KERN YRO-01
- **D** KERN YRO-02
- **E** KERN YRO-03

STANDARD



OPTION



Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Net weight approx. kg	Weighing plate	Options	
							Verification	DAkKS Calibr. Certificate
<b>KERN</b>							<b>M</b>	<b>DAkKS</b>
							KERN	KERN
IFC 3K-4	3	0,1	-	-	4,6	A	-	963-127
IFC 6K-4S	6	0,2	-	-	4,6	A	-	963-128
IFC 6K-4	6	0,2	-	-	5,0	B	-	963-128
IFC 10K-4	15	0,5	-	-	5,0	B	-	963-128
IFC 10K-4L	15	0,5	-	-	8	C	-	963-128
IFC 30K-3	30	1	-	-	8	C	-	963-128
IFC 60K-3	60	2	-	-	7	C	-	963-129
IFC 60K-3L	60	2	-	-	10	D	-	963-129
IFC 150K-3	150	5	-	-	11	D	-	963-129
IFC 150K-3L	150	5	-	-	18	E	-	963-129
IFC 300K-2	300	10	-	-	20	E	-	963-129
IFC 600K-2	600	20	-	-	40	F	-	963-130
Multi-range balance, with increasing load it switches automatically to the next largest weighing range [Max] and readout [d] and when the load is fully removed, the balance switches back to the lower range								
IFC 6K1DSM	3   6	1   2	1   2	20   40	4,6	A	965-228	963-128
IFC 6K1DM	3   6	1   2	1   2	20   40	6	B	965-228	963-128
IFC 15K2DM	6   15	2   5	2   5	40   100	5,0	B	965-228	963-128
IFC 15K2DLM	6   15	2   5	2   5	40   100	7	C	965-228	963-128
IFC 30K5DM	15   30	5   10	5   10	100   200	8	C	965-228	963-128
IFC 60K10DM	30   60	10   20	10   20	200   400	7	C	965-229	963-129
IFC 60K10DLM	30   60	10   20	10   20	200   400	10	D	965-229	963-129
IFC 150K20DM	60   150	20   50	20   50	400   1000	10	D	965-229	963-129
IFC 150K20DLM	60   150	20   50	20   50	400   1000	20	E	965-229	963-129
IFC 300K50DM	150   300	50   100	50   100	1000   2000	20	E	965-229	963-129
IFC 600K100DM	300   600	100   200	100   200	2000   4000	44	F	965-230	963-130

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.

**NEW** New model



- Cable length of display device approx. 3 m
- Permissible ambient temperature -10 °C/40 °C

**Accessories**

- Protective working cover over the display device, scope of delivery 5 items, KERN KFB-A02S05
- **1** Stand to elevate display device, for models with weighing plate size **A-E**: Height of stand approx. 330 mm, KERN IFB-A01  
**D-F**: Height of stand approx. 600 mm, KERN IFB-A02
- **A-F**: Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07
- 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. When installing the Bluetooth data interface, the RS-232 data interface can no longer be used, KERN KFB-A03
- Analogue module, not possible in combination with signal lamp or rechargeable battery pack 0-10 V: KERN KFB-A04  
4-20 mA: KERN KFB-A05

**High-resolution industrial scale in heavy version, now also up to [Max] 600 kg, verification optional**

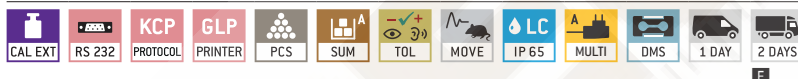
**Features**

- Platform: weighing plate of stainless steel, painted steel base, silicone-coated aluminium load cell with 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**

- Backlit LCD display, digit height 52 mm
- Weighing platform dimensions W×D×H, stainless steel  
**A** 230×230×106 mm **B** 300×240×109 mm  
**C** 400×300×114 mm **D** 500×400×127 mm  
**E** 650×500×139 mm **F** 800×600×192 mm
- Dimensions of display device W×D×H 250×160×58 mm

**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	Options	
							Verification	DAkkS Calibr. Certificate
KERN							M III	DAkkS
							KERN	KERN
IFB 3K-4	3	0,1	-	-	4,6	<b>A</b>	-	963-127
IFB 6K-4S	6	0,2	-	-	4,6	<b>A</b>	-	963-128
IFB 6K-4	6	0,2	-	-	5,0	<b>B</b>	-	963-128
IFB 10K-4	15	0,5	-	-	5,0	<b>B</b>	-	963-128
IFB 60K-3L	60	2	-	-	11	<b>D</b>	-	963-129
IFB 100K-3	150	5	-	-	11	<b>D</b>	-	963-129
IFB 100K-3L	150	5	-	-	18	<b>E</b>	-	963-129
IFB 300K-2	300	10	-	-	20	<b>E</b>	-	963-129
IFB 600K-2	600	20	-	-	40	<b>F</b>	-	963-130

Multi-range balance, with increasing load it switches automatically to the next largest weighing range [Max] and readout [d] and when the load is fully removed, the balance switches back to the lower range

IFB 6K-3SM	3   6	1   2	1   2	20   40	4,6	<b>A</b>	965-228	963-128
IFB 6K1DM	3   6	1   2	1   2	20   40	6	<b>B</b>	965-228	963-128
IFB 15K2DM	6   15	2   5	2   5	40   100	5,0	<b>B</b>	965-228	963-128
IFB 15K2DLM	6   15	2   5	2   5	40   100	7	<b>C</b>	965-228	963-128
IFB 30K5DM	15   30	5   10	5   10	100   200	8	<b>C</b>	965-228	963-128
IFB 60K10DM	30   60	10   20	10   20	200   400	7	<b>C</b>	965-229	963-129
IFB 60K10DLM	30   60	10   20	10   20	200   400	11	<b>D</b>	965-229	963-129
IFB 150K20DM	60   150	20   50	20   50	400   1000	11	<b>D</b>	965-229	963-129
IFB 150K20DLM	60   150	20   50	20   50	400   1000	18	<b>E</b>	965-229	963-129
IFB 300K50DM	150   300	50   100	50   100	1000   2000	20	<b>E</b>	965-229	963-129
IFB 600K-1M	300   600	100   200	100   200	2000   4000	44	<b>F</b>	965-230	963-130

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.

**I** ONLY WHILE STOCKS LAST





## Precision industrial scale with laboratory accuracy, ideal for the diverse possibilities of Industry 4.0 applications

### Features

- High-capacity precision balance, ideal for high volume or heavy samples
- Numerical subtraction of tare weight for known container weight. Useful for checking fill-levels
- 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
- KERN Universal Port (KUP): permits the connection of an external KUP interface adapter, such as, for example, RS-232, USB, Bluetooth, WiFi or Ethernet, for the exchange of data and control commands, without any installation outlay

- KERN Communication Protocol (KCP): The KCP permits searching and remote control of the balance using external control devices or computers
- Protective working cover included with delivery

### Technical data

- Large backlit LCD display, digit height 21 mm
- Weighing platform dimensions, stainless steel
  - A** W×D×H 230×230×103 mm
  - B** W×D×H 308×318×75 mm
  - C** W×D×H 500×400×125 mm, see larger picture
- Dimensions of display device W×D×H 225×115×60 mm
- Permissible ambient temperature -10 °C/40 °C

### Accessories

- Internal rechargeable battery pack, operating time up to 24 h with backlight, charging time approx. 8 h, KERN YKR-01
- Protective working cover over the display device, scope of delivery 5 items, KERN DE-A12S05
- **1** Column for screwing the display device to the platform
- **B**, **C**: Height of stand approx. 480 mm, KERN DE-A10
- **C**: Height of stand approx. 600 mm, KERN DS-A03
- **B**: Mount to fasten the display device to the platform, KERN DE-A11N
- Wall mount for display device, KERN DE-A13
- **2** Set for underfloor weighing, consists of platform, bow, hook, only for models with weighing plate **B**, KERN DS-A01
- RS-232 interface adapter, KERN KUP-01
- USB interface adapter, KERN KUP-03
- Ethernet interface adapter, KERN KUP-04
- WiFi interface adapter, KERN KUP-05
- Bluetooth interface adapter, KERN KUP-06
- Extension box for connecting up to three interfaces in parallel, KERN KUP-13
- 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	Resolution Points	Cable length approx. m	Net weight approx. kg	Weighing plate	Options
								DAKkS Calibr. Certificate
<b>KERN</b>								DAKkS KERN
<b>DS 3K0.01S</b>	3	0,01	0,1	300.000	2,5	4,2	<b>A</b>	963-127
<b>DS 5K0.05S*</b>	5	0,05	0,1	100.000	2,5	4,2	<b>A</b>	963-127
<b>DS 8K0.05</b>	8	0,05	0,5	160.000	2,5	8	<b>B</b>	963-128
<b>DS 10K0.1S</b>	10	0,1	1	100.000	2,5	4,2	<b>A</b>	963-128
<b>DS 16K0.1</b>	16	0,1	1	160.000	2,5	8	<b>B</b>	963-128
<b>DS 20K0.1</b>	20	0,1	1	200.000	2,5	8	<b>B</b>	963-128
<b>DS 30K0.1</b>	30	0,1	1	300.000	2,5	8	<b>B</b>	963-128
<b>DS 30K0.1L</b>	30	0,1	1	300.000	2,5	19	<b>C</b>	963-128
<b>DS 36K0.2</b>	36	0,2	1	180.000	2,5	10	<b>B</b>	963-128
<b>DS 36K0.2L</b>	36	0,2	1	180.000	2,5	19	<b>C</b>	963-128
<b>DS 60K0.2</b>	60	0,2	2	300.000	2,5	19	<b>C</b>	963-129
<b>DS 65K0.5</b>	65	0,5	5	130.000	2,5	19	<b>C</b>	963-129
<b>DS 100K0.5</b>	100	0,5	5	200.000	2,5	19	<b>C</b>	963-129
<b>DS 150K1</b>	150	1	10	150.000	2,5	19	<b>C</b>	963-129

\* ONLY WHILE STOCKS LAST



## 10 Convenience for industry: Stainless steel platform scales with up to four interfaces and intuitive operation, with optional verification

### Features

- Tough industry standard suitable for use in harsh industrial applications
- Standardised, convenient KERN concept of operation, consistency across products in terms of design, menu structure, button functions, interface connection and interface protocol
- The exchange of data and control commands is optional using up to four interfaces to suit individual requirements: two wired connections (RS-232, Ethernet, USB or analogue module) and two wireless connections (WiFi, Bluetooth)
- Each interface can be set up separately, e.g.:
  - Interface 1 (WiFi): Continuous sending to a PC for documentation of a process
  - Interface 2 (RS-232): Print stable weight
  - Interface 3 (analogue module): Controlling a device when the target weight is reached
  - Interface 4 (Bluetooth): Continuous sending to a tablet to monitor a process
- Available as an option with alibi memory for paperless archiving of weighing results. This also means the results of weighings with mandatory verification can be electronically evaluated and processed further
- KERN Communication Protocol (KCP): The KCP permits searching and remote control of the balance using external control devices or computers
- Platform: weighing plate of stainless steel, painted steel base, silicone-coated aluminium load cell with protection against dust and water splashes IP65
- Display device: stainless steel, protection against dust and water splashes IP68, integrated power supply
- Superior display size: digit height 48 mm, bright backlight for easy reading of weighing results, even in poor lighting conditions

### Technical data

- Large backlit LCD display, digit height 48 mm
- Weighing platform dimensions, stainless steel
  - A** W×D×H 300×240×109 mm
  - B** W×D×H 400×300×117 mm, see larger picture
  - C** W×D×H 500×400×127 mm
  - D** W×D×H 650×500×139 mm
- Dimensions of display device W×D×H 232×150×80 mm
- Cable length of display device approx. 3 m
- Permissible ambient temperature -10 °C/40 °C



**Accessories**

- Internal rechargeable battery pack, operating time up to 48 h without backlight, charging time approx. 8 h, KERN YKR-01
- Stand to elevate display device
  - 1 Height of stand approx. 330 mm, KERN IXC-A01
  - 2 Height of stand approx. 600 mm, not suitable for models with weighing plate size A, KERN IXC-A02
- Internal data interface RS-232, interface cable included, KERN KUM-01
- Internal data interface USB, interface cable included, KERN KUM-03
- Internal data interface Ethernet, interface cable included, KERN KUM-04

- Internal data interface WiFi, KERN KUM-05
- Internal data interface Bluetooth, KERN KUM-06
- Analogue module, KERN KUM-08
- Memory module with real time clock (alibi memory), KERN YMM-06
- ESD drain to protect against electrostatic discharge e.g. for electrostatically-charged weighing objects or people who work with the scale, KERN YGR-01
- Signal lamp for visual support of weighing with tolerance range, (only in combination with Data interface RS-232 KERN KUM-01), KERN CFS-A03

- Roller conveyor attachment, with smooth-running, hot-dip galvanised steel rollers with ball bearings, robust aluminium profile frame for models with weighing plate size
  - B KERN YRO-01
  - C KERN YRO-02
  - D KERN YRO-03
- Further details, plenty of further accessories and suitable printers see *Accessories*

3 Note: only two wired connections (RS-232, Ethernet, USB or analogue module) and two wireless connections (WiFi, Bluetooth) can be used at the same time

STANDARD

CAL EXT | KCP | GLP | PCS | SUM | PERCENT | TOL | MOVE | LC | IND | 230 V | DMS | 1 DAY

OPTION

ET | DAKkS | ALIBI | RS 232 | USB | BT | WIFI | ANALOG | LAN | ACCU | +3 DAYS

FACTORY

YMM-06 | IXC-M

Model	Weighing capacity [Max] kg	Readability [d] g	Verification value [e] g	Minimal load [Min] g	Net weight approx. kg	Weighing plate	Options	
							Verification	DAkkS Calibr. Certificate
KERN							KERN	DAkkS KERN
IXC 6K-4	6	0,2	-	-	6	A	-	963-128
IXC 10K-4	15	0,5	-	-	6	A	-	963-128
IXC 10K-4L	15	0,5	-	-	7	B	-	963-128
IXC 30K-3	30	1	-	-	8	B	-	963-128
IXC 30K-3L	30	1	-	-	11	C	-	963-128
IXC 60K-3	60	2	-	-	7	B	-	963-129
IXC 60K-3L	60	2	-	-	11	C	-	963-129
IXC 100K-3	150	5	-	-	11	C	-	963-129
IXC 100K-3L	150	5	-	-	19	D	-	963-129
IXC 300K-3	300	10	-	-	20	D	-	963-129

Multi-range balance, with increasing load it switches automatically to the next largest weighing range [Max] and readout [d] and when the load is fully removed, the balance switches back to the lower range

IXC 6K-3M	3   6	1   2	1   2	20   40	6	A	965-228	963-128
IXC 10K-3M	6   15	2   5	2   5	40   100	6	A	965-228	963-128
IXC 10K-3LM	6   15	2   5	2   5	40   100	7	B	965-228	963-128
IXC 30K-3M	15   30	5   10	5   10	100   200	7	B	965-228	963-128
IXC 30K-3LM	15   30	5   10	5   10	100   200	11	C	965-228	963-128
IXC 60K-2M	30   60	10   20	10   20	200   400	7	B	965-229	963-129
IXC 60K-2LM	30   60	10   20	10   20	200   400	11	C	965-229	963-129
IXC 100K-2M	60   150	20   50	20   50	400   1000	11	C	965-229	963-129
IXC 100K-2LM	60   150	20   50	20   50	400   1000	18	D	965-229	963-129
IXC 300K-2M	150   300	50   100	50   100	1000   2000	20	D	965-229	963-129

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.



## Platform scale with IP65 dust and spray protection, verification optional

### Features

- Platform scale protected to IP65 with stainless steel display device, for industrial applications, hygienic and easy to clean
- 1** Platform: weighing plate of stainless steel, painted steel base, silicone-coated aluminium load cell with protection against dust and water splashes IP65
- Display device: stainless steel, protection against dust and water splashes IP65, flexible positioning, for details see KERN KFE-TM
- Weighing with tolerance range: 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

### Technical data

- Large backlit LCD display, digit height 22 mm
- Weighing platform dimensions, stainless steel
  - A** W×D×H 300×240×109 mm, see larger picture
  - B** W×D×H 400×300×117 mm
  - C** W×D×H 500×400×127 mm
  - D** W×D×H 650×500×139 mm
- Dimensions of display device W×D×H 195×120×70 mm
- Rechargeable battery pack integrated, as standard, operating time up to 35 h without backlight, charging time approx. 12 h
- Cable length of display device approx. 3 m
- Permissible ambient temperature -10 °C/40 °C

### Accessories

- Stand to elevate display device
  - 2** for models with weighing plate size **A-D**: Height of stand approx. 200 mm, KERN SFE-A01
  - 2** for models with weighing plate size **B-D**: Height of stand approx. 400 mm, KERN SFE-A02
  - 3** for models with weighing plate size **C-D**: Height of stand approx. 600 mm, KERN SFE-A03
- Tare pan made from stainless steel, ideal for weighing loose small parts as well as fruits, vegetables, etc., overall dimensions W×D×H 400×300×45 mm, 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	Options	
							Verification	DAkkS Calibr. Certificate
<b>KERN</b>							<b>M</b>	<b>DAKKS</b>
<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	22	<b>D</b>	965-229	963-129
<b>SFE 300K-1LNM</b>	300	100	100	2000	22	<b>D</b>	965-229	963-129

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.