

FLOOR SCALES, PALLET SCALES, DRIVE-THROUGH SCALES

From incoming goods to production and shipping – our modern, powerful floor scales can be used everywhere and intuitively. The many clever functions will assist you in carrying out processes effectively and economically, all while meeting high requirements and saving resources.

In our floor scales product category, we offer our customers a carefully coordinated product range in the weighing range from 300 to 6,000 kg. Choose between affordable entry level models, practical built-in solutions or Premium products made from stainless steel and verified. Our floor scales stand out due to their durable industrial quality as well as reliable protection against dust and water splashes.

Industrial scales for heavy loads

When weighing large containers and heavy goods, scales must overcome different challenges. As well as correspondingly large weighing ranges, a high level of stability and sturdiness is necessary, in order to withstand the maximum loads acting on the weighing plate. Our floor scales are perfectly suited for this task, for example through generously sized struts and material thicknesses, mobile stored adjustable feet for the protection of the load cells, IP67 protection against dust and water splashes or a convenient disconnect device between the display device and platform. The latter means that you can install a verified scale in a packing and dispatch bench or a pit frame for barrier-free access at a later date. Large LCD displays make it easier to read the display even if the angle of view is not ideal. We also have pallet scales, weighing beams and drive-through scales available for versatile use.

Our recommendation: High-resolution KERN BIC floor scale with $2 \times 3,000$ [d] at the best price-to-performance ratio.

Easy integration through digital interfaces

Thanks to interfaces such as RS-232, USB, Bluetooth, WiFi, Ethernet the scale can easily be connected to existing networks. Data exchange between scale and PC or printer is easy and reliable. The standardised KCP interface (Kern Communication Protocol) takes over the searching and remote control of the scale using external control devices or computers. KCP enables you to recall and control the relevant parameters and device functions and is also compatible with the MT-SICS protocol in most cases.

Our recommendation: High-resolution multi-range pallet scale KERN UID with EC type approval [M] and various data interfaces.

The KERN calibration and verification service

In order to fulfil quality requirements in accordance with DIN EN ISO 9000ff and other standards, we can offer our customers DAKkS accredited calibration. Calibration ensures correct, usable weighing results and makes the floor scale into a reliable measuring and testing instrument. When calibrating, deviations in the display will be identified and documented. The main points to remember are: DAKkS accredited calibration is always sensible, when checking equipment is to be used in a QM process. While calibration is not legally regulated, verification is mandatory in different applications for example:

- In commercial trade, if the price of goods are determined by weighing results.
- In the production of pre-packaged goods
- In the pharmaceutical industry
- For official purposes.

Our recommendation: BID floor scale with EC type approval [M] and the best price-to-performance ratio – now also as a high-resolution multi-range balance.

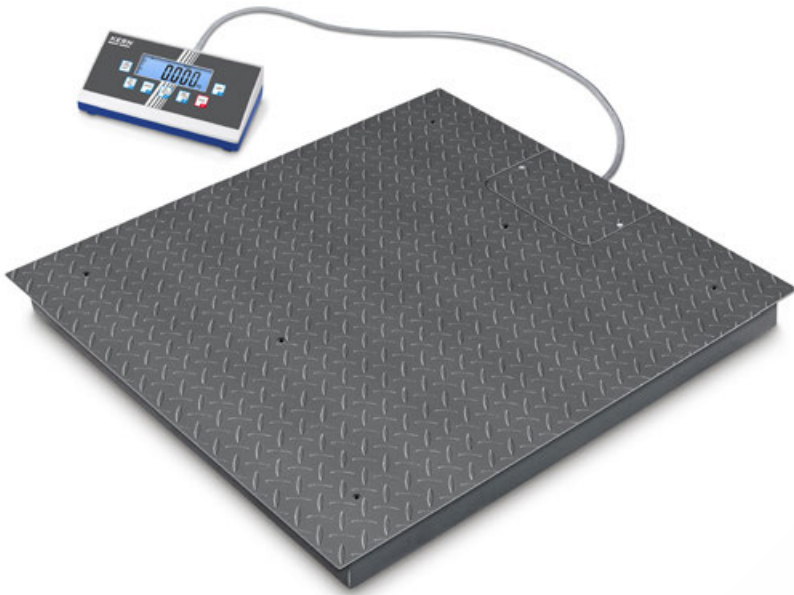
Individual solutions for maximum efficiency

The weighing ranges of bench counting scales are often not sufficient to count large quantities, units or items on pallets. This is where high-performance counting systems come into their own, as these combine a high-precision reference scale with a high-capacity bulk scale, such as for example a floor scale, pallet scale or drive-through scale.

If you have special requirements, you can also configure your ideal scale easily and quickly so that it meets your needs. We will put your weighing combination together for you, using the components you have selected and including verification. Please contact your personal customer advisor for further information!

Quick-Finder Floor Scales/Pallet Scales/Drive-through Scale

Readability	Weighing capacity	Weighing plate	Model	Page	M	RS 232	↔	Bluetooth	WiFi	☰	⏪	☰	⏩	⏪
[d]	[Max]	W×D×H	KERN		For an explanation on the pictos, see the front flap									
g	kg	mm												
20 50	500 1000	1000×1000×85	BFC 1T-5DS	110	○	○	○	○	○	●	●	●	○	○
20 50	500 1000	1500×1250×85	BFC 1T-5D	110	○	○	○	○	○	●	●	●	○	○
50 100	300 600	1000×1000×108	BID 600K-1DS	108	●	○	○	○	○	●	●	●	○	○
50 100	300 600	1200×1500×108	BID 600K-1D	108	●	○	○	○	○	●	●	●	○	○
50 100	1000 2000	1000×1000×85	BFC 2T-5DS	110	○	○	○	○	○	●	●	●	○	○
50 100	1000 2000	1500×1250×85	BFC 2T-5D	110	○	○	○	○	○	●	●	●	○	○
100	300	1000×1000×40	NIB 300K-1	118										
100 200	300 600	1000×1000×108	BIC 600K-1S	107										
100 200	300 600	1000×1000×108	BID 600K-1DSM	108	○	●	○	○	○	●	●	●	○	○
100 200	300 600	1195×840×110	UID 600K-1DM	115	○	●	○	○	○	●	●	●	○	○
100 200	300 600	1200×1500×108	BIC 600K-1	107										
100 200	300 600	1200×1500×108	BID 600K-1DM	108	○	●	○	○	○	●	●	●	○	○
100 200	600 1500	1000×1000×108	BID 1T-4DS	108	○	●	○	○	○	●	●	●	○	○
100 200	600 1500	1200×1500×108	BID 1T-4D	108	○	●	○	○	○	●	●	●	○	○
100 200	2000 4000	1500×1250×85	BFC 4T-4D	110	○	○	○	○	○	●	●	●	○	○
100 200	2000 4000	1500×1500×85	BFC 4T-4DL	110	○	○	○	○	○	●	●	●	○	○
200	600	870×170×83	UFA 600K-1S	113	●	○	○	○	○	●	●	●	○	○
200	600	1000×1000×40	NIB 600K-2	118										
200	600	1000×1000×85	BFC 600K-1SM	110	○	○	○	○	○	●	●	●	○	○
200	600	1000×1000×85	BXC 600K-1SM	112	○	○	○	○	○	●	●	●	○	○
200	600	1000×1000×108	BID 600K-1SM	108	○	●	○	○	○	●	●	●	○	○
200	600	1195×840×110	UIB 600K-1	114										
200	600	1195×840×110	UID 600K-1M	115	○	●	○	○	○	●	●	●	○	○
200	600	1200×1500×108	BID 600K-1M	108	○	●	○	○	○	●	●	●	○	○
200	600	1361×840×80	UFC 600K-1M	116	○	○	○	○	○	●	●	●	○	○
200	600	1361×840×80	UXC 600K-1M	117	○	○	○	○	○	●	●	●	○	○
200	600	1500×1250×85	BFC 600K-1M	110	○	○	○	○	○	●	●	●	○	○
200	600	1600×1220×95	NFC 600K-1M	119	○	○	○	○	○	●	●	●	○	○
200	600	1600×1220×95	NXC 600K-1M	120	○	○	○	○	○	●	●	●	○	○
200	600	1800×1420×95	NFC 600K-1LM	119	○	○	○	○	○	●	●	●	○	○
200 500	600 1500	1000×1000×108	BIC 1T-4S	107										
200 500	600 1500	1000×1000×108	BID 1T-4DSM	108	○	●	○	○	○	●	●	●	○	○
200 500	600 1500	1190×840×110	UID 1500K-1DM	115	○	●	○	○	○	●	●	●	○	○
200 500	600 1500	1200×1500×108	BIC 1T-4	107										
200 500	600 1500	1200×1500×108	BID 1T-4DM	108	○	●	○	○	○	●	●	●	○	○
200 500	1500 3000	1200×1500×108	BID 3T-3D	108	○	●	○	○	○	●	●	●	○	○
200 500	1500 3000	1500×1500×108	BID 3T-3DL	108	○	●	○	○	○	●	●	●	○	○
200 500	4000 8000	1500×1500×123	BFC 8T-4D	110	○	○	○	○	○	●	●	●	○	○
500	1500	1000×1000×85	BFC 1.5T-4SM	110	○	○	○	○	○	●	●	●	○	○
500	1500	1000×1000×85	BXC 1.5T-4SM	112	○	○	○	○	○	●	●	●	○	○
500	1500	1000×1000×108	BID 1T-4SM	108	○	●	○	○	○	●	●	●	○	○
500	1500	1190×840×110	UID 1500K-1M	115	○	●	○	○	○	●	●	●	○	○
500	1500	1195×840×110	UIB 1.5T-4	114										
500	1500	1200×1000×108	BID 1T-4EM	108	○	●	○	○	○	●	●	●	○	○
500	1500	1200×1500×108	BID 1T-4M	108	○	●	○	○	○	●	●	●	○	○
500	1500	1270×170×83	UFA 1.5T0.5	113	●	○	○	○	○	●	●	●	○	○
500	1500	1361×840×80	UFC 1.5T-4M	116	○	○	○	○	○	●	●	●	○	○
500	1500	1361×840×80	UXC 1.5T-4M	117	○	○	○	○	○	●	●	●	○	○
500	1500	1500×1250×85	BFC 1.5T-4M	110	○	○	○	○	○	●	●	●	○	○
500	1500	1500×1250×85	BXC 1.5T-4M	112	○	○	○	○	○	●	●	●	○	○
500	1500	1500×1500×108	BID 1T-4LM	108	○	●	○	○	○	●	●	●	○	○
500	1500	1600×1220×95	NFC 1.5T-4M	119	○	○	○	○	○	●	●	●	○	○
500	1500	1600×1220×95	NXC 1.5T-4M	120	○	○	○	○	○	●	●	●	○	○
500	1500	1800×1420×95	NFC 1.5T-4LM	119	○	○	○	○	○	●	●	●	○	○
500 1000	1500 3000	1190×840×110	UID 3000K-ODM	115	○	●	○	○	○	●	●	●	○	○
500 1000	1500 3000	1200×1500×108	BIC 3T-3	107										
500 1000	1500 3000	1200×1500×108	BID 3T-3DM	108	○	●	○	○	○	●	●	●	○	○
500 1000	1500 3000	1500×1500×108	BIC 3T-3L	107										
500 1000	1500 3000	1500×1500×108	BID 3T-3DLM	108	○	●	○	○	○	●	●	●	○	○
1000	3000	1195×840×110	UIB 3T-3	114										
1000	3000	1195×840×110	UID 3000K-OM	115	○	●	○	○	○	●	●	●	○	○
1000	3000	1200×1500×108	BID 3T-3M	108	○	●	○	○	○	●	●	●	○	○
1000	3000	1270×170×83	UFA 3T1	113	●	○	○	○	○	●	●	●	○	○
1000	3000	1500×1250×85	BFC 3T-3M	110	○	○	○	○	○	●	●	●	○	○
1000	3000	1500×1250×85	BXC 3T-3M	112	○	○	○	○	○	●	●	●	○	○
1000	3000	1500×1500×85	BFC 3T-3LM	110	○	○	○	○	○	●	●	●	○	○
1000	3000	1500×1500×108	BID 3T-3LM	108	○	●	○	○	○	●	●	●	○	○
1000	3000	2091×120×83	UFA 3T-3L	113	●	○	○	○	○	●	●	●	○	○
2000	6000	1270×160×115	UFA 6T-3	113	●	○	○	○	○	●	●	●	○	○
2000	6000	1500×1500×123	BFC 6T-3M	110	○	○	○	○	○	●	●	●	○	○
2000	6000	2091×160×115	UFA 6T-3L	113	●	○	○	○	○	●	●	●	○	○



Discover more details and matching accessories online!

High-resolution floor scale with 2×3000 [d] and the best price-to performance ratio

Features

- Weighing bridge out of anti-slip corrugated steel, 4 load cells, alloy steel, silicone-coated, IP67
- Welded platform with screw holes to lift the scale for easy cleaning
- Easy levelling of the weighing bridge as well as access to the junction box from above
- Simple and convenient 4-key operation
- Wall mount for display device, standard
- **1** Our floor scales are delivered in a robust wooden box. This protects the high-quality weighing technology from environmental influences and stresses during transportation

Technical data

- Large LCD display, digit height 25 mm
- Weighing platform dimensions, steel, powder-coated
 - A** W×D×H 1000×1000×108 mm
 - B** W×D×H 1200×1500×108 mm
 - C** W×D×H 1500×1500×108 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
- Cable length of display device approx. 5 m
- Permissible ambient temperature -10 °C/40 °C

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

STANDARD

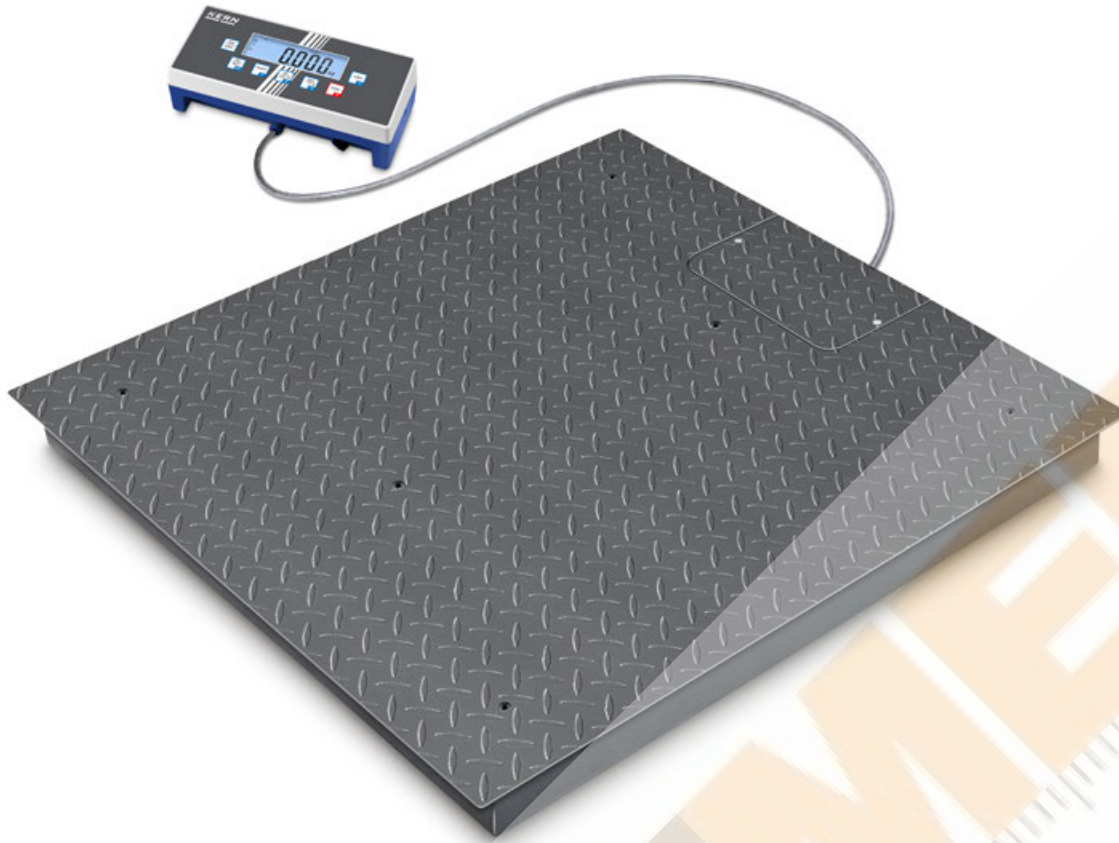


OPTION



Model	Weighing capacity	Readability	Weighing plate	Net weight approx.	Options
					Calibr. Certificate
	[Max] kg	[d] kg		kg	DAkkS accr. KERN
KERN					
BIC 600K-1S	300 600	0,1 0,2	A	70	963-130
BIC 600K-1	300 600	0,1 0,2	B	150	963-130
BIC 1T-4S	600 1500	0,2 0,5	A	70	963-130
BIC 1T-4	600 1500	0,2 0,5	B	150	963-130
BIC 3T-3	1500 3000	0,5 1	B	150	963-132
BIC 3T-3L	1500 3000	0,5 1	C	155	963-132

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

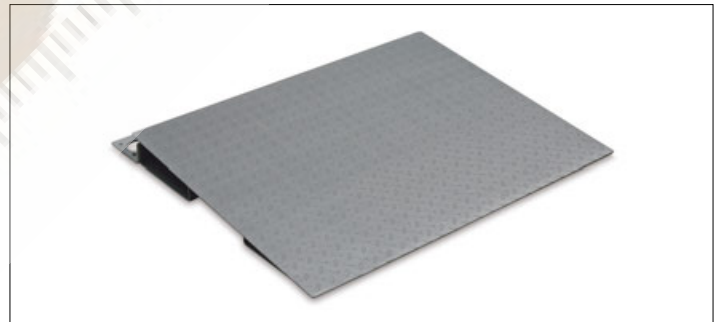


Multi-range floor scale with the best price-to-performance ratio, verification optional

11



Our floor scales are delivered in a robust wooden box. This protects the high-quality weighing technology from environmental influences and stresses during transportation



Access ramp incl. pair of base plates to facilitate access of e.g. wire cage trolleys, shelf trolleys, container trolleys, storage trolleys, sack trucks, transpallets, mobile containers, containers refuse etc., see *internet*

Features

- KERN BID 1T-4EM: Compact special size, especially for weighing europallets
- Display device: Plastic, protected against dust and water splashes IP65. for details see KERN KIB-TM
- Weighing bridge out of anti-slip corrugated steel, 4 load cells, alloy steel, silicone-coated, IP67
- Easy levelling of the weighing bridge as well as access to the junction box from above
- Totalising of weights and piece counts
- Thanks to interfaces such as RS-232 or USB, WiFi, Bluetooth, Ethernet (optional), the scale can easily be connected to existing networks. Data exchange between the scale, PC or printer
- KERN Communication Protocol (KCP): The KCP permits searching and remote control of the balance using external control devices or computers
- Multi-range balances, ideal, high maximum loads need to be weighed, but in the lower load range you still need high resolution. This means that two scales can be replaced with one - which saves space and money!

Technical data

- Large LCD display, digit height 25 mm
- Weighing platform dimensions W×D×H, steel, powder-coated
 - A** 1000×1000×108 mm
 - B** 1200×1000×108 mm
 - C** 1200×1500×108 mm
 - D** 1500×1500×108 mm
- Dimensions of display device W×D×H 268×115×80 mm
- Cable length of display device approx. 5 m
- Permissible ambient temperature -10 °C/40 °C

Discover more details and matching accessories online!

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

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

STANDARD



OPTION



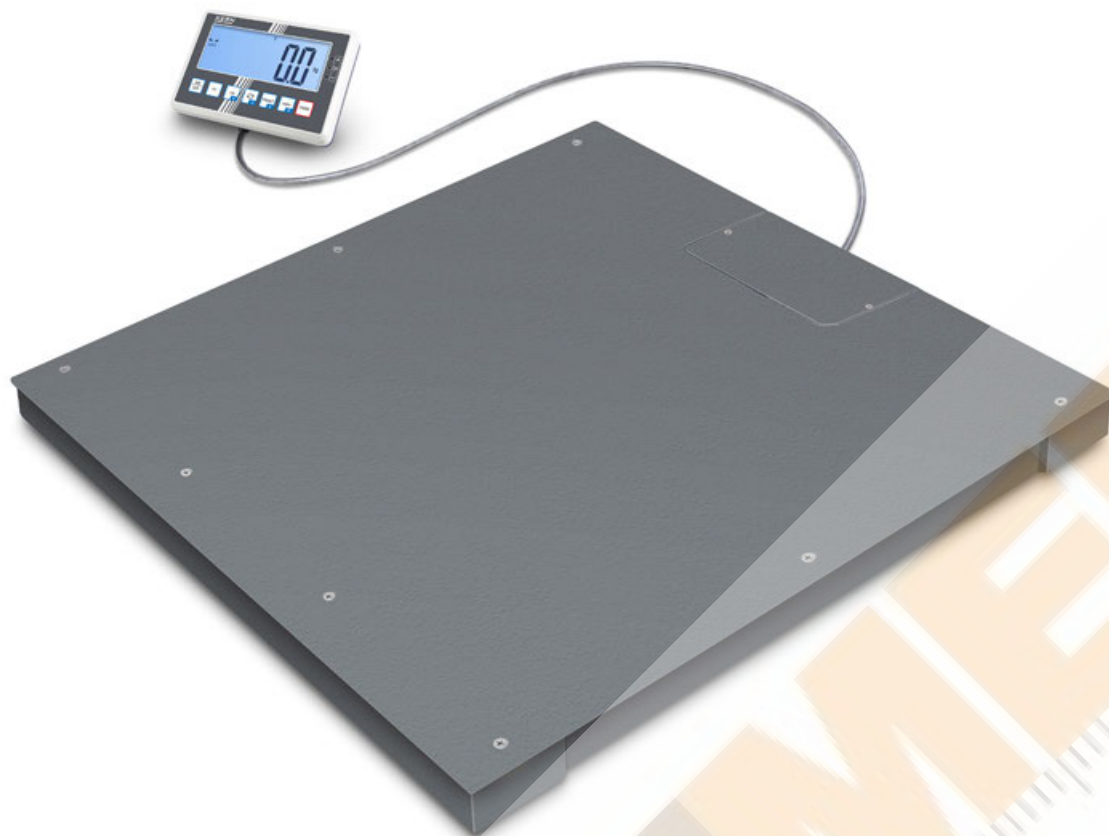
FACTORY



Model	Weighing capacity [Max] kg	Readability = Verification value [d] = [e] kg	Minimal load [Min] kg	Weighing plate	Net weight approx. kg	Options	
						Verification	Calibr. Certificate
KERN						MID KERN	DAkkS accr. KERN
High-resolution versions with fine display							
BID 600K-1DS	300 600	0,05 0,1	-	A	75	-	963-130
BID 600K-1D	300 600	0,05 0,1	-	C	150	-	963-130
BID 1T-4DS	600 1500	0,1 0,2	-	A	75	-	963-130
BID 1T-4D	600 1500	0,1 0,2	-	C	150	-	963-130
BID 3T-3D	1500 3000	0,2 0,5	-	C	150	-	963-132
BID 3T-3DL	1500 3000	0,2 0,5	-	D	155	-	963-132
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							
BID 600K-1DSM	300 600	0,1 0,2	2 4	A	75	965-230	963-130
BID 600K-1DM	300 600	0,1 0,2	2 4	C	150	965-230	963-130
BID 1T-4DSM	600 1500	0,2 0,5	4 10	A	75	965-230	963-130
BID 1T-4DM	600 1500	0,2 0,5	4 10	C	150	965-230	963-130
BID 3T-3DM	1500 3000	0,5 1	10 20	C	150	965-232	963-132
BID 3T-3DLM	1500 3000	0,5 1	10 20	D	155	965-232	963-132
BID 600K-1SM	600	0,2	4	A	75	965-230	963-130
BID 600K-1M	600	0,2	4	C	150	965-230	963-130
BID 1T-4SM	1500	0,5	10	A	70	965-230	963-130
BID 1T-4EM	1500	0,5	10	B	85	965-230	963-130
BID 1T-4M	1500	0,5	10	C	150	965-230	963-130
BID 1T-4LM	1500	0,5	10	D	155	965-230	963-130
BID 3T-3M	3000	1	20	C	150	965-232	963-132
BID 3T-3LM	3000	1	20	D	155	965-232	963-132

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.

Note: For verified scales the weighing bridge must be fixed to the floor. Optionally, with an access ramp, a footplate pair or a pit frame

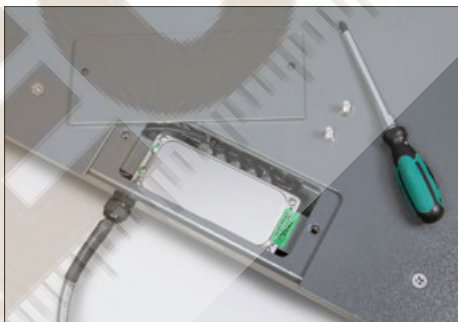


Floor scale with screwed-on weighing plate (IP67), with optional verification

11



1 Weighing plate can be unscrewed - The weighing plate can be conveniently unscrewed for maintenance or cleaning purposes (Exception: BFC 6T-3M, BFC 8T-4D)



Easy levelling of the weighing bridge as well as access to the junction box from above



Option: Ascending ramp, lacquered steel, see *internet*

Features

- **1** Weighing plate: smooth surface, screwed on from the top, so it easy to remove, hygienic and easy to clean (Exception: KERN BFC 6T-3M, KERN BFC 8T-4D)
- KERN BFC 6T-3M, KERN BFC 8T-4D: Weighing plate welded, steel chequer plate
- 4 silicone-coated steel load cells, IP67 dust and spray protection
- Display device: for details see KERN KFC-TM
- IoT line: networkable balances with user-friendly concept of operation, for details see KERN KFC-TM
- 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
- Benchtop stand incl. wall mount for display device as standard
- Protective working cover included with delivery

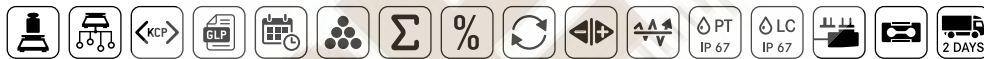
Technical data

- Large backlit LCD display, digit height 48 mm
- Weighing platform dimensions W×D×H, steel, powder-coated
 - A** 1000×1000×85 mm
 - B** 1500×1250×85 mm
 - C** 1500×1500×85 mm
 - D** 1500×1500×123 mm
- Dimensions of display device W×D×H 220×150×66,5 mm
- Cable length of display device approx. 5 m
- Permissible ambient temperature -10 °C/40 °C

Discover more details and matching accessories online!

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

STANDARD



OPTION



FACTORY



Model	Weighing capacity [Max] kg	Readability = Verification value [d] = [e] kg	Minimal load [Min] kg	Weighing plate	Net weight approx. kg	Options	
						Verification	Calibr. Certificate
KERN						KERN	DAkkS accr. KERN
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							
BFC 1T-5DS	500 1000	0,02 0,05	-	A	95	-	963-130
BFC 1T-5D	500 1000	0,02 0,05	-	B	150	-	963-130
BFC 2T-5DS	1000 2000	0,05 0,1	-	A	100	-	963-131
BFC 2T-5D	1000 2000	0,05 0,1	-	B	150	-	963-131
BFC 4T-4D	2000 4000	0,1 0,2	-	B	150	-	963-132
BFC 4T-4DL	2000 4000	0,1 0,2	-	C	175	-	963-132
BFC 8T-4D	4000 8000	0,2 0,5	-	D	225	-	963-133
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.							
BFC 600K-1SM	600	0,2	4	A	95	965-230	963-130
BFC 600K-1M	600	0,2	4	B	150	965-230	963-130
BFC 1.5T-4SM	1500	0,5	10	A	100	965-230	963-130
BFC 1.5T-4M	1500	0,5	10	B	150	965-230	963-130
BFC 3T-3M	3000	1	20	B	150	965-232	963-132
BFC 3T-3LM	3000	1	20	C	175	965-232	963-132
BFC 6T-3M	6000	2	40	D	225	965-232	963-132

Note: For verified scales the weighing bridge should be fixed to the floor. Optionally, with an access ramp, a footplate pair or a pit frame

NEW New model



Discover more details and matching accessories online!

Stainless steel floor scale with screwed-on weighing plate (IP67) and stainless steel display device (IP68), verification optional

Features

- Tough industry standard suitable for use in harsh industrial applications
- **1** Weighing plate screwed on from the top with stainless steel screws, so it's easy to remove, hygienic and easy to clean
- Weighing bridge: stainless steel, extremely resistant to bending due to material thickness, 4 hermetically welded stainless steel load cells, IP68 dust and spray protection
- Easy levelling of the weighing bridge as well as access to the junction box from above
- Display device: stainless steel, protection against dust and water splashes IP68, for details see KERN KXC-TM
- IoT line: networkable balances with user-friendly concept of operation

- The exchange of data and control commands is optional using up to four interfaces to suit individual requirements: two wired connections and two wireless connections, for details see KERN KXC-TM
- 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
- Wall mount for display device, standard

Technical data

- Large backlit LCD display, digit height 48 mm
- Weighing platform dimensions W×D×H, stainless steel
 - A** 1000×1000×85 mm
 - B** 1500×1250×85 mm
- Dimensions of display device W×D×H 232×150×77,3 mm
- Cable length of display device approx. 5 m
- Permissible ambient temperature -10 °C/40 °C

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

STANDARD



OPTION

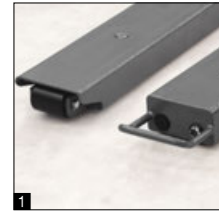
FACTORY



Model	Weighing capacity [Max] kg	Readability = Verification value [d] = [e] kg	Minimal load [Min] kg	Net weight approx. kg	Weighing plate	Options	
						Verification	Calibr. Certificate
KERN						M KERN	DAkkS accr. KERN
BXC 600K-1SM	600	0,2	4	100	A	965-230	963-130
BXC 1.5T-4SM	1500	0,5	10	100	A	965-230	963-130
BXC 1.5T-4M	1500	0,5	10	150	B	965-230	963-130
BXC 3T-3M	3000	1	20	150	B	965-232	963-132

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.

Note: For verified scales the weighing bridge should be fixed to the floor. Optionally, with an access ramp, a footplate pair or a pit frame



Discover more details and matching accessories online!

Highly versatile weighing beams (IP67) for large loads to 6 t

Features

- Flexible solution for weighing large, bulky or long items, thanks to freely positionable weighing beams and a 5 m (!) long connecting cable between the beams
- Thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations
- Weighing beams: steel, painted, 4 silicone-coated aluminium load cells, protection against dust and water splashes IP67
- **1** Sturdy handles for transporting the weighing beams
- **1** KERN UFA-L: Each weighing beam has a roller and handle for easy transport of the scale, see larger picture

- Display device: for details see KERN KFB-TM
- Benchtop stand incl. wall mount for display device as standard
- Totalising of weights and piece counts
- Protective working cover included with delivery
- KERN UFA-S: Model with short weighing beams, ideal for weighing compact items or animals in transport boxes
- Our floor scales are delivered in a robust wooden box. This protects the high-quality weighing technology from environmental influences and stresses during transportation

Technical data

- Large backlit LCD display, digit height 52 mm
- Dimensions of display device W×D×H 250×160×65 mm
- Cable length of display device approx. 5 m
- Cable length between weighing beams approx. 5 m
- Permissible ambient temperature -10 °C/40 °C

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

STANDARD



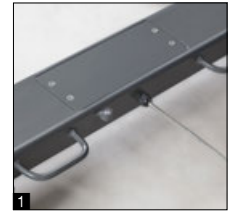
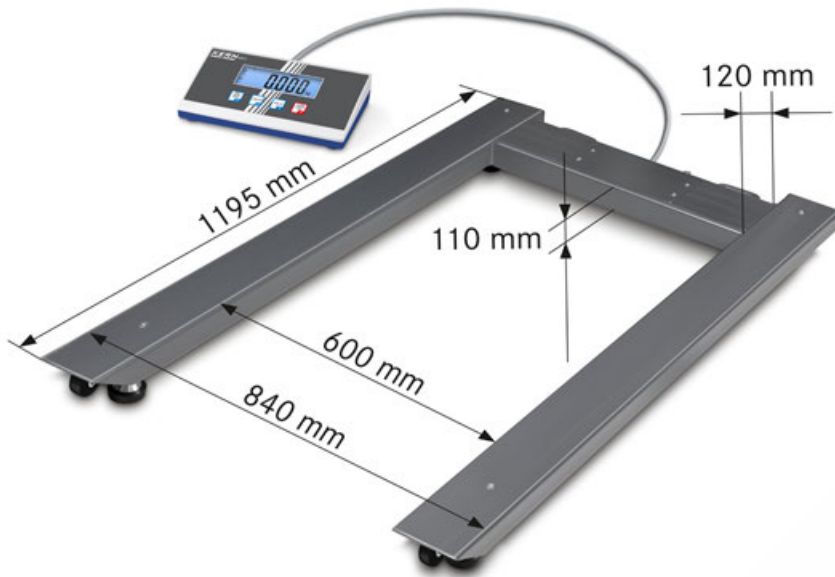
OPTION



FACTORY



Model	Weighing capacity [Max] kg	Readability [d] kg	Dimensions Weighing beam W×D×H mm	Net weight approx. kg	Options
					Calibr. Certificate DAkkS accr. KERN
KERN					
UFA 600K-1S	600	0,2	870×170×83	36	963-130
UFA 1.5T0.5	1500	0,5	1270×170×83	40	963-130
UFA 3T1	3000	1	1270×170×83	38	963-132
UFA 3T-3L	3000	1	2091×120×83	60	963-132
UFA 6T-3	6000	2	1270×160×115	90	963-132
UFA 6T-3L	6000	2	2091×160×115	130	963-132



Discover more details and matching accessories online!

Pallet scale with steel load support (IP67) and the best price-to-performance ratio

Features

- Thanks to battery operation, compact, light-weight construction, it is suitable for the use in several locations
- Load support: steel, powder coated, 4 silicone-coated aluminium load cells, protection against dust and water splashes IP67
- **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
- **2** Our floor scales are delivered in a robust wooden box. This protects the high-quality weighing technology from environmental influences and stresses during transportation

Technical data

- Large LCD display, digit height 25 mm
- Dimensions of display device WxDxH 235x114x51 mm
- Cable length of display device approx. 5 m
- Optional battery operation, 4x1.5 V AA not included in scope of delivery, operating time up to 60 h
- Net weight approx. 55 kg
- Permissible ambient temperature -10 °C/40 °C

11

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

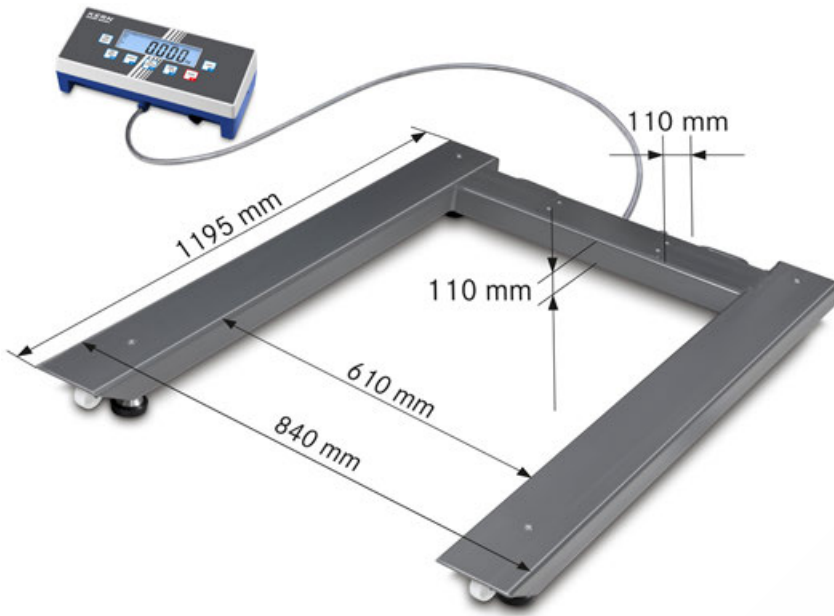
STANDARD



OPTION



Model	Weighing capacity	Readability	Options
			Calibr. Certificate
	[Max] kg	[d] kg	DAkkS accr. KERN
KERN			
UIB 600K-1	600	0,2	963-130
UIB 1.5T-4	1500	0,5	963-130
UIB 3T-3	3000	1	963-132



Discover more details and matching accessories online!

High-resolution multi-range pallet scale with a wide range of interfaces, verification optional

Features

- Ideal, when high maximum loads need to be weighed, but in the lower load range you still need high resolution. This means that two balances can be replaced with one
- High mobility thanks to rechargeable battery operation (optional)
- Display device: Protection against dust and water splashes IP65
- Load support: steel, powder coated, 4 load cells, alloy steel, silicone-coated, protection against dust and water splashes IP67
- The scale can be easily transported using rollers and a handle and does not require much storage space

- Totalising of weights and piece counts
- KERN Communication Protocol (KCP): The KCP permits searching and remote control of the balance using external control devices or computers
- Thanks to interfaces such as RS-232 or USB, WiFi, Bluetooth, Ethernet (optional), the scale can easily be connected to existing networks. Data exchange between the scale, PC or printer
- Protective working cover included with delivery

Technical data

- Large LCD display, digit height 25 mm
- Dimensions of display device W×D×H 268×115×80 mm
- Cable length of display device approx. 5 m
- Permissible ambient temperature -10 °C/40 °C

1 Only one optional interface can be installed and used

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

STANDARD



OPTION

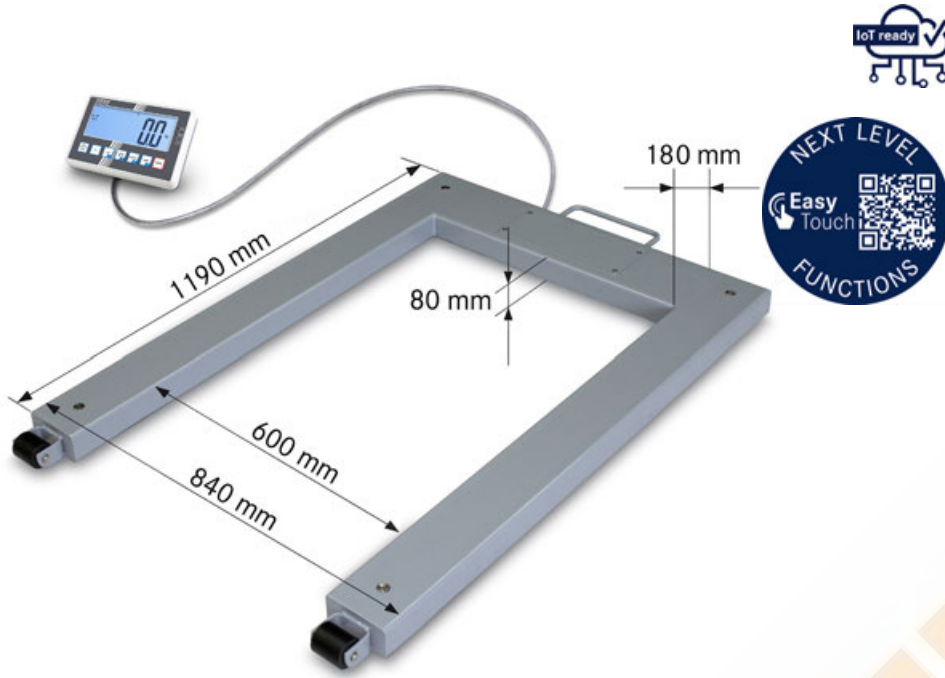


FACTORY



Model	Weighing capacity [Max] kg	Readability = Verification value [d] = [e] kg	Minimal load [Min] kg	Net weight approx. kg	Options	
					Verification	Calibr. Certificate
KERN					M III KERN	DAkkS accr. KERN
UID 600K-1M	600	0,2	4	44	965-230	963-130
UID 1500K-1M	1500	0,5	10	44	965-230	963-130
UID 3000K-0M	3000	1	20	44	965-232	963-132
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						
UID 600K-1DM	300 600	0,1 0,2	2 4	44	965-230	963-130
UID 1500K-1DM	600 1500	0,2 0,5	4 10	44	965-230	963-130
UID 3000K-0DM	1500 3000	0,5 1	10 20	44	965-232	963-132

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.



Discover more details and matching accessories online!

Pallet scale with steel load support (IP67), verification optional

Features

- Thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations
- Display device: for details see KERN KFC-TM
- IoT line: networkable balances with user-friendly concept of operation, for details see KERN KFC-TM
- 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

- Load support: steel, powder coated, 4 load cells, alloy steel, silicone-coated, protection against dust and water splashes IP67, Weighing bridge can also be delivered as component without the display device, for details see KERN KFU-V20
- Two wheels for easy transportation of the scale
- Weighing with tolerance range (checkweighing): A visual and audible signal assists the rapid checking of items on palettes
- Totalising of weights and piece counts
- Protective working cover included with delivery

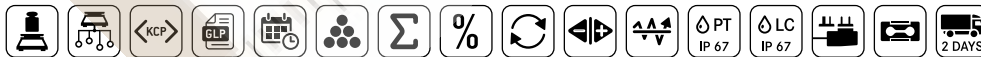
Technical data

- Large backlit LCD display, digit height 48 mm
- Dimensions of display device W×D×H 220×150×66,5 mm
- Cable length of display device approx. 5 m
- Permissible ambient temperature -10 °C/40 °C

11

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

STANDARD



OPTION

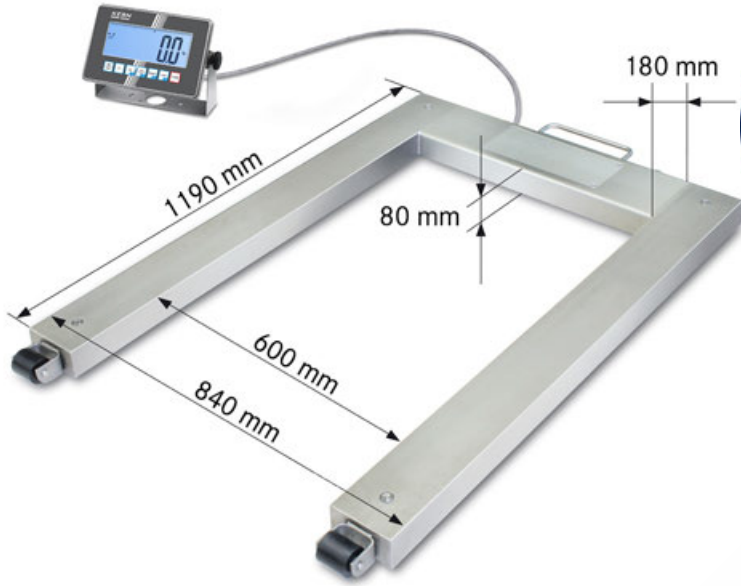


FACTORY



Model	Weighing capacity [Max] kg	Readability = Verification value [d] = [e] kg	Minimal load [Min] kg	Net weight approx. kg	Options	
					Verification	Calibr. Certificate
KERN					M III KERN	DAkkS accr. KERN
UFC 600K-1M	600	0,2	4	55	965-230	963-130
UFC 1.5T-4M	1500	0,5	10	55	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.



Discover more details and matching accessories online!

Pallet scale with stainless steel load support (IP67) and stainless steel display device (IP68), verification optional

Features

- Thanks to rechargeable battery operation, compact, lightweight construction, it is suitable for the use in several locations
- Load support: stainless steel, for details see KERN KFU-V30
- 4 silicone-coated steel load cells, IP67 dust and spray protection
- Ideal for the increased hygienic requirements in the food industries
- Your support in a HACCP-compliant quality system
- Display device: stainless steel, protection against dust and water splashes IP68, for details see KERN XXC-TM
- IoT line: networkable balances with user-friendly concept of operation
- The exchange of data and control commands is optional using up to four interfaces to suit individual requirements: two wired connections and two wireless connections, for details see KERN XXC-TM

- 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
- Wall mount for display device, standard
- The scale can be easily transported using rollers and a handle and does not require much storage space
- Hold function: When the weighing conditions are unstable, a stable weight is calculated determining an average value
- Weighing with tolerance range (checkweighing): a visual and audible signal helps with portioning, dispensing or grading
- Summation of weight values

Technical data

- Large backlit LCD display, digit height 48 mm
- Dimensions of display device W×D×H 232×150×77,3 mm
- Cable length of display device approx. 5 m
- Permissible ambient temperature -10 °C/40 °C

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

STANDARD



OPTION FACTORY



Model	Weighing capacity [Max] kg	Readability = Verification value [d] = [e] kg	Minimal load [Min] kg	Net weight approx. kg	Options	
					Verification	Calibr. Certificate
KERN					M III KERN	DAkkS accr. KERN
UXC 600K-1M	600	0,2	4	55	965-230	963-130
UXC 1.5T-4M	1500	0,5	10	55	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.



Discover more details and matching accessories online!

Compact, robust drive-through scale – particularly mobile thanks to its carrying handle, rollers and lightweight construction

Features

- Drive-through scales enable accurate weighing of goods during a production process, without having to unload them. In this way the weighing process can be perfectly integrated into the workflow and there is no significant loss of time. Ideal for rapid weighing of e.g. wire cage trolleys, shelf trolleys, container trolleys, storage trolleys, sack trucks, transpallets, mobile containers, containers refuse etc.
- Low platform height and integrated access ramps on both sides facilitate access
- Weighing bridge: Steel, powder coated, 4 silicon-coated aluminium load cells with protection against dust and water splashes to IP67

- **1** Level indicator to level the balance precisely
- **2** The scale can be easily transported using rollers and a handle and does not require much storage space
- Wall mount for the display device, as standard, only for models without a stand
- Protective working cover included with delivery
- **3** Our floor scales are delivered in a robust wooden box. This protects the high-quality weighing technology from environmental influences and stresses during transportation

Technical data

- Large LCD display, digit height 25 mm
- Platform height in the drive-through area: 40 mm
- Dimensions weighing surface, steel, powder-coated W×D 800×800 mm (Without ramps)
- Overall dimensions W×D×H 1100×1000×80 mm
- Dimensions of display device W×D×H 235×114×51 mm
- Cable length of display device approx. 5 m
- Optional battery operation, 4×1.5 V AA not included in scope of delivery, operating time up to 60 h
- Permissible ambient temperature -10 °C/40 °C

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

STANDARD



OPTION



Model	Weighing capacity [Max] kg	Readability [d] kg	Net weight approx. kg	Options
				Calibr. Certificate DAkkS accr. KERN
KERN				
NIB 300K-1	300	0,1	40	963-129
NIB 600K-2	600	0,2	40	963-130



Discover more details and matching accessories online!

Networkable drive-through scale (IP67), verification optional

Features

- Drive-through scale for rapid weighing of e.g. wire cage trolleys, shelf trolleys, transpallets, mobile containers, containers refuse etc.
- Weighing bridge: out of anti-slip corrugated steel, 4 silicone-coated steel load cells, IP67 dust and spray protection
- Display device: for details see KERN KFC-TM
- IoT line: networkable balances with user-friendly concept of operation, for details see KERN KFC-TM
- 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
- Protective working cover included with delivery

Technical data

- Large backlit LCD display, digit height 48 mm
- Dimensions weighing surface, steel, powder-coated
 - A** W×D 1000×1000 mm (Without ramps)
 - B** W×D 1200×1200 mm (Without ramps)
- Overall dimensions W×D×H
 - A** 1600×1220×95 mm
 - B** 1800×1420×95 mm
- Platform height in the drive-through area: 80 mm
- Dimensions of display device W×D×H 220×150×66,5 mm
- Cable length of display device approx. 5 m
- Permissible ambient temperature -10 °C/40 °C

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

STANDARD



OPTION



FACTORY



Model	Weighing capacity [Max] kg	Readability = Verification value [d] = [e] kg	Minimal load [Min] kg	Net weight approx. kg	Weighing plate	Options	
						Verification	Calibr. Certificate
KERN						M III KERN	DAkkS accr. KERN
NFC 600K-1M	600	0,2	4	130	A	965-230	963-130
NFC 600K-1LM	600	0,2	4	165	B	965-230	963-130
NFC 1.5T-4M	1500	0,5	10	130	A	965-230	963-130
NFC 1.5T-4LM	1500	0,5	10	165	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.

Note: For verified scales the weighing bridge should be fixed to the floor. Optionally, with an access ramp, a footplate pair or a pit frame



Discover more details and matching accessories online!

Stainless steel drive-through scale (IP67) with stainless steel display device (IP68), verification optional

Features

- Robust stainless steel drive-through scale for rapid weighing of e.g. laundry carts, container trolleys, roller containers, etc.
- Ideal for the ever-increasing hygienic requirements in the food, pharmaceutical and chemical industries
- Your support in a HACCP-compliant quality system
- Weighing bridge: stainless steel, extremely resistant to bending due to material thickness, 4 welded stainless steel load cells, IP68 dust and spray protection
- Display device: stainless steel, protection against dust and water splashes IP68, for details see KERN KXC-TM

- IoT line: networkable balances with user-friendly concept of operation
- The exchange of data and control commands is optional using up to four interfaces to suit individual requirements: two wired connections and two wireless connections, for details see KERN KXC-TM
- 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
- Wall mount for display device, standard

Technical data

- Large backlit LCD display, digit height 48 mm
- Dimensions weighing surface, stainless steel, WxD 1000x1000 mm (Without ramps)
- Platform height in the drive-through area: 80 mm
- Overall dimensions WxDxH 1600x1220x95 mm
- Dimensions of display device WxDxH 232x150x77,3 mm
- Cable length of display device approx. 5 m
- Permissible ambient temperature -10 °C/40 °C

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

STANDARD



OPTION FACTORY



Model	Weighing capacity [Max] kg	Readability = Verification value [d] = [e] kg	Minimal load [Min] kg	Net weight approx. kg	Options	
					Verification	Calibr. Certificate
KERN						DAkkS accr. KERN
NXC 600K-1M	600	0,2	4	130	965-230	963-130
NXC 1.5T-4M	1500	0,5	10	130	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.

Note: For verified scales the weighing bridge should be fixed to the floor. Optionally, with an access ramp, a footplate pair or a pit frame