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 bet ween 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 $2\times3,000$ [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 und 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 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 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
- $\bullet \ \ \text{For official purposes}.$

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

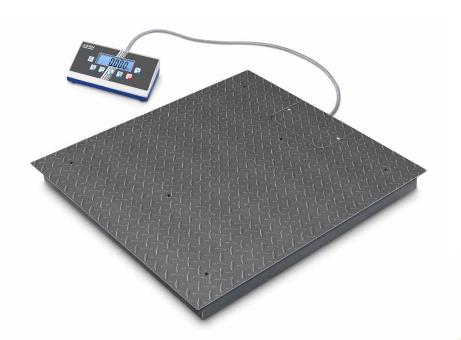
The weighing ranges of bench counting scales are often not sufficient to count large quantities, units or items on pallets. This is where high-performance counting systems come into their own, as these combine a high-precision reference scale with a high-capacity bulk scale, such as for example a floor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

Readability	Weighing capacity	Weighing plate	Model	Page	2 DAYS	M	RS 232	USB	BT	(i) WIFI	Ä LAN	KCP PROTOCOL	PCS	-√+ ⊙ Ͽ»	ACCU
[d] g	[Max] kg	W×D mm	KERN			Foi	an ex								
50 100	300 600	1000×1000×108	BID 600K-1DS	122	2		•	0	0	0	0	•	•	•	0
50 100	300 600	1200×1500×108	BID 600K-1D	122	2			0	0	0	0	•	•	•	0
100	300	1000×1000×40	NIB 300K-1	132	2										
100 200	300 600	1000×1000×108	BIC 600K-1S	121	2										
100 200	300 600	1000×1000×108	BID 600K-1DSM	122	2	0	•	0	0	0	0	•	•	•	0
100 200	300 600	1195×840×110	UID 600K-1DM	129	2	0	•	0	0	0	0	•	•	•	0
100 200	300 600	1200×1500×108	BIC 600K-1	121	2										
100 200	300 600	1200×1500×108	BID 600K-1DM	122	2	0		0	0	0	0		•	•	0
100 200	600 1500	1000×1000×108	BID 1T-4DS	122	2		•	0	0	0	0	•	•	•	0
100 200	600 1500	1200×1500×108	BID 1T-4D	122	2		•	0	0	0	0	•	•	•	0
200	600	800×120×84	UFA 600K-1S	127	2		•		0			•	•	•	0
200	600	1000×1000×40	NIB 600K-2	132	2										
200	600	1000×1000×85	BFB 600K-1SNM	124	2	0	•		0			•	•	•	0
200	600	1000×1000×90	BFN 600K-1SM	126	2	0	0		0				•	•	•
200	600	1000×1000×108	BID 600K-1SM	122	2	0	•	0	0	0	0	•	•	•	0
200	600	1190×840×90	UFB 600K200M	130	2	0	•		0			•	•	•	0
200	600	1195×840×110	UIB 600K-1	128	2										
200	600	1195×840×110	UID 600K-1M	129	2	0	•	0	0	0	0	•	•	•	0
200	600	1200×1500×108	BID 600K-1M	122	2	0	•	0	0	0	0	•	•	•	0
200	600	1360×850×90	UFN 600K200IPM	131	2	0	0					•		•	•
200	600	1500×1250×85	BFB 600K-1NM	124	2	0	•		0			•	•	•	0
200	600	1600×1200×80	NFB 600K200M	133	2	0	•		0			•	•	•	0
200	600	1600×1200×80	NFN 600K-1M	134	2	0	0		0			•	•	•	•
200	600	1800×1400×80	NFB 600K200LM	133	2	0	•		0			•	•	•	0
200 500	600 1500	1000×1000×108	BIC 1T-4S	121	2								_		
200 500	600 1500	1000×1000×108	BID 1T-4DSM	122	2	0	•	0	0	0	0	•	•	•	0
200 500	600 1500	1190×840×110	UID 1500K-1DM	129	2	0	•	0	0	0	0	•	•	•	0
200 500	600 1500 600 1500	1200×1500×108 1200×1500×108	BIC 1T-4 BID 1T-4DM	121 122	2	0	•	0	0	0	0	•	•	•	0
200 500	600 1500 1500 3000	1200×1500×108	BID 3T-3D	122	2		•	0	0	0	0	•	•	•	0
200 500	1500 3000	1500×1500×108	BID 3T-3DL	122	2		•	0	0	0	0	•	•	•	0
500	1500 3000	1000×1000×108	BFB 1T-4SNM	124	2	0			0			•	•	-	0
500	1500	1000×1000×83	BFN 1T-4SM	126	2		0		0			•	•	-	•
500	1500	1000×1000×108	BID 1T-4SM	122	2	0	•	0	0	0	0	•	•	•	0
500	1500	1190×840×90	UFB 1.5T0.5M	130	2	0	•		0			•	•	•	0
500	1500	1190×840×110	UID 1500K-1M	129	2	0	•	0	0	0	0	•	•	•	0
500	1500	1195×840×110	UIB 1.5T-4	128	2										
500	1500	1200×1000×108	BID 1T-4EM	122	2	0	•	0	0	0	0	•	•	•	0
500	1500	1200×1500×108	BID 1T-4M	122	2	0	•	0	0	0	0	•	•	•	0
500	1500	1270×170×85	UFA 1.5T0.5	127	2		•		0			•	•	•	0
500	1500	1360×840×90	UFN 1.5T0.5IPM	131	2	0	0					•		•	•
500	1500	1500×1250×85	BFB 1T-4NM	124	2	0	•		0			•	•	•	0
500	1500	1500×1250×85	BFN 1.5T0.5M	126	2	0	0		0			•	•	•	•
500	1500	1500×1500×108	BID 1T-4LM	122	2	0	•	0	0	0	0	•	•	•	0
500	1500	1600×1200×80	NFB 1.5T0.5M	133	2	0	•		0			•	•	•	0
500	1500	1600×1200×80	NFN 1.5T-4M	134	2	0	0		0			•	•	•	•
500	1500	1800×1400×80	NFB 1.5T0.5LM	133	2	0	•		0			•	•	•	0
500 1000	1500 3000	1190×840×110	UID 3000K-0DM	129	2	0	•	0	0	0	0	•	•	•	0
500 1000	1500 3000	1200×1500×108	BIC 3T-3	121	2										
500 1000	1500 3000	1200×1500×108	BID 3T-3DM	122	2	0	•	0	0	0	0	•	•	•	0
500 1000	1500 3000	1500×1500×108	BIC 3T-3L	121	2										
500 1000	1500 3000	1500×1500×108	BID 3T-3DLM	122	2	0	•	0	0	0	0	•	•	•	0
1000	3000	1195×840×110	UIB 3T-3	128	2										
1000	3000	1195×840×110	UID 3000K-0M	129	2	0	•	0	0	0	0	•	•	•	0
1000	3000	1200×1500×108	BID 3T-3M	122	2	0	•	0	0	0	0	•	•	•	0
1000	3000	1270×170×85	UFA 3T1	127	2		•		0			•	•	•	0
1000	3000	1500×1250×85	BFB 3T-3NM	124	2	0	•		0			•	•	•	0
1000	3000	1500×1250×85	BFN 3T-3M	126	2	0	0		0			•	•	•	•
1000	3000	1500×1500×85	BFB 3T1LM	124	2	0	•		0			•	•	•	0
1000	3000	1500×1500×108	BID 3T-3LM	122	2	0	•	0	0	0	0	•	•	•	0
1000	3000	2000×120×90	UFA 3T-3L	127	2		•		0			•	•	•	0
2000	6000	1200×160×115	UFA 6T-3	127	2		•		0			•	•	•	0
2000	6000	1500×1500×130	BFB 6T-3M	124	2	0	•		0			•	•	•	0
2000	6000	2000×160×115	UFA 6T-3L	127	2										

● Standard ○ Option











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

Features

- 1 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
- 2 Did you know? Our floor scales are delivered in a robust wooden box. This protects the high-quality weighing technology from environmental influences and stresses during transportation. KERN - always one step ahead

Technical data

- · Large LCD display, digit height 25 mm
- · Weighing plate 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× ×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

Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERN EOB-A04BS05
- 3 Pair of base plates to fix the weighing bridge to the floor, KERN BIC-A07
- Ascending ramp, steel, powder-coated, for models with weighing plate size
- A 1000×1000×108 mm, KERN BIC-A01
- **B** 1200×1000×108 mm, KERN BIC-A02
- 1500×1000×108 mm, KERN BIC-A03
- 5 Stable pit frame, steel, powder-coated, for models with weighing plate size
- A 1088×1088×110 mm, KERN BIC-A04
- **B** 1288×1588×110 mm, KERN BIC-A05
- 1588×1588×110 mm, KERN BIC-A06

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















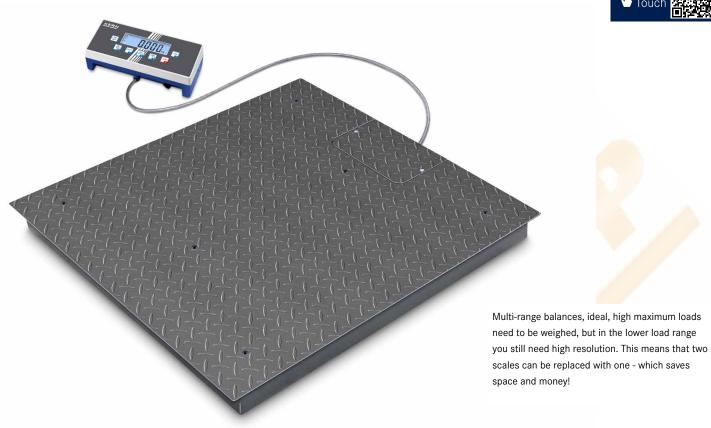






Model	Weighing capacity	Readability	Weighing plate	Net weight approx.	Options DAkkS Calibr. Certificate
KERN	[Max] kg	[d] kg		kg	DAkkS KERN
BIC 600K-1S	300 600	0,1 0,2	А	70	963-130
BIC 600K-1	300 600	0,1 0,2	В	150	963-130
BIC 1T-4S	600 1500	0,2 0,5	A	70	963-130
BIC 1T-4	600 1500	0,2 0,5	В	150	963-130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

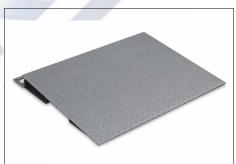




Floor scale with the best price-to-performance ratio – now also as high-resolution multi-range balance, verification optional







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



■ 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

^{*}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

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

Technical data

- · Large LCD display, digit height 25 mm
- Weighing plate dimensions, steel, powder-coated, W×D×H
- **A** 1000×1000×108 mm **B** 1200×1000×108 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

Accessories

- Protective working cover, scope of delivery 5 items, KERN EOC-A01S05
- Pair of base plates to fix the weighing bridge to the floor, KERN BIC-A07
- Ascending ramp, steel, powder-coated, for models with weighing plate size
- A, B: 1000×1000×108 mm, KERN BIC-A01
- C: 1200×1000×108 mm, KERN BIC-A02
- D: 1500×1000×108 mm, KERN BIC-A03
- Stable pit frame, Steel, powder-coated, to install the weighing bridge so you can drive straight on, for models with weighing plate size
- A: 1088×1088×110 mm, KERN BIC-A04
- **B**: 1288×1088×110 mm, KERN BIC-A08
- C: 1288×1588×110 mm, KERN BIC-A05
- D: 1588×1588×110 mm, KERN BIC-A06
- Benchtop stand incl. wall mount for display device, KERN EOC-A04

- Internal rechargeable battery pack, operating time up to 43 h without 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, KFRN 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
- 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
- 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

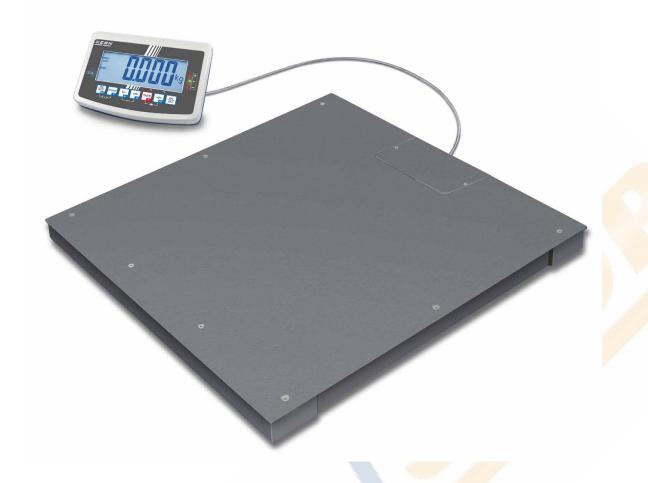
STANDARD						
KCP	GLP	♣ %	C 34	444 444	B H	3
CAL EXT RS 232 PROTOCOL	PRINTER PCS	SUM PERCENT	TOL MOVE	IP 65 IP 67	MULTI DI	MS 2 DAYS
OPTION	FACTORY			1 2		
∫ DAkkS		₩ 🤶	· P			
ET ACCU +3 DAYS	ALIBI USB	BT 4.0 WIFI	LAN +3 DAYS	5		
	*	* *	* BID-M	_		
Model	Weighing	Readability	Verification	n Minimal	Weighin	ø Net

Model	Weighing	Readability	Verification	Minimal	Weighing	Net	Options	
	capacity		value	load	plate	weight	Verification DAkkS Ca	alibr. Certificate
	[Max]	[d]	[e]	[Min]		approx.	MIII DAKI	κS
KERN	kg	kg	kg	kg		kg	KERN KERI	٧
			High-	resolution ve	ersions with	fine displ		
BID 600K-1DS	300 600	0,05 0,1	/-	-	Α	70	- 963-1	30
BID 600K-1D	300 600	0,05 0,1	-	-	C	150	- 963-1	30
BID 1T-4DS	600 1500	0,1 0,2	<u>-</u>	-	Α	70	- 963-1	30
BID 1T-4D	600 1500	0,1 0,2	-	-	C	150	- 963-1	30
BID 3T-3D	1500 3000	0,2 0,5	-	-	C	150	- 963-1	32
BID 3T-3DL	1500 3000	0,2 0,5	_	-	D	155	- 963-1	32
	Multi-range bala	nce, with incre	easing load it sw	itches autom	natically to	the next la	rgest weighing range [Max] and readout [d]	
		and wher	the load is fully	removed, th	e balance s	witches b	ack to the lower range	
BID 600K-1DSM	300 600	0,1 0,2	0,1 0,2	2 4	Α	70	965-230 963-1	30
BID 600K-1DM	300 600	0,1 0,2	0,1 0,2	2 4	C	150	965-230 963-1	30
BID 1T-4DSM	600 1500	0,2 0,5	0,2 0,5	4 10	Α	70	965-230 963-1	30
BID 1T-4DM	600 1500	0,2 0,5	0,2 0,5	4 10	C	150	965-230 963-1	30
BID 3T-3DM	1500 3000	0,5 1	0,5 1	10 20	C	150	965-232 963-1	32
BID 3T-3DLM	1500 3000	0,5 1	0,5 1	10 20	D	155	965-232 963-1	32
BID 600K-1SM	600	0,2	0,2	4	Α	70	965-230 963-1	30
BID 600K-1M	600	0,2	0,2	4	C	150	965-230 963-1	30
BID 1T-4SM	1500	0,5	0,5	10	А	70	965-230 963-1	30
BID 1T-4EM	1500	0,5	0,5	10	В	85	965-230 963-1	30
BID 1T-4M	1500	0,5	0,5	10	C	150	965-230 963-1	30
BID 1T-4LM	1500	0,5	0,5	10	D	155	965-230 963-1	30
BID 3T-3M	3000	1	1	20	С	150	965-232 963-1	32
BID 3T-3LM	3000	1	1	20	D	155	965-232 963-1	32

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



Weighing bridge with screwed-on weighing plate (IP67) and XXL display device, verification optional



■ Weighing plate can be unscrewed - The weighing plate can be conveniently unscrewed for maintenance or cleaning purposes

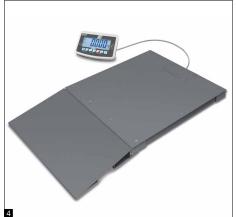


Easy levelling of the weighing bridge as well as access to the junction box from above



Did you know? Our floor scales are delivered in a robust wooden box. This protects the high-quality weighing technology from environmental influences and stresses during transportation. KERN – always one step ahead







Features

- 1 Weighing plate A, B, C, smooth surface, screwed on from the top, so it easy to remove, hygienic and easy to clean
- Weighing plate **D**, welded, steel chequer plate
- 2 4 silicone-coated steel load cells, IP67 dust and spray protection
- 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

Technical data

- Large backlit LCD display, digit height 52 mm
- · Weighing plate dimensions, steel, powder-coated
- A W×D×H 1000×1000×85 mm
- B W×D×H 1500×1250×85 mm
- C W×D×H 1500×1500×85 mm
- **D** W×D×H 1500×1500×130 mm
- · Dimensions of display device W×D×H 250×160×58 mm
- · Cable length of display device approx. 5 m
- Permissible ambient temperature -10 °C/40 °C

Accessories

- · Protective working cover over the display device, scope of delivery: 5 items, KERN KFB-A02S05
- 3 Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07
- · Pair of base plates to fix the weighing bridge to the floor, for models with weighing plate size
 - A, B, C KERN BFS-A06N
- D KERN BFS-A10
- Ascending ramp, steel, lacquered, for models with weighing plate size
- B: 1250×870×95 mm, KERN BFS-A02N
- C: 1500×760×85 mm, KERN BFS-A09N
- D: 1500x880x122 mm, KERN BFS-A11
- 5 Stable pit frame, steel, lacquered, for models with weighing plate size
- A: 1085×1085×80 mm, KERN BFS-A03N
- B: 1335×1585×90 mm, KERN BFS-A04N
- G: 1500×1500×100 mm, KERN BFS-A08N
- · Internal rechargeable battery pack, operating time up to 35 h without backlight, charging time approx. 10 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, must be ordered at purchase, not possible in combination with signal lamp or rechargeable battery pack 0-10 V: KERN KFB-A04
- 4-20 mA: KERN KFB-A05
- Signal lamp for visual support of weighing with tolerance range, not possible in combination with analogue module, KERN CFS-A03
- Large display with superior display size (only in combination with Data interface KERN KFN-A01), KERN YKD-A02
- Cable with special length 15 m, between display device and platform, for verified models which must be ordered at the time of purchase, KERN BFB-A03
- Further details, plenty of further accessories and suitable printers see Accessories

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

































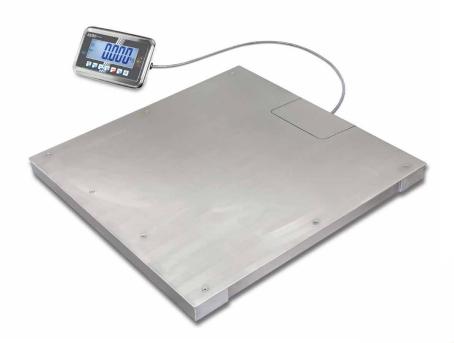




Model	Weighing	Readability	Minimal load	Weighing	Net weight		Options
	capacity	= Verification value		plate	approx.	Verification	DAkkS Calibr. Certificate
	[Max]	[d] = [e]	[Min]			MIII	DAkkS
KERN	kg	kg	kg		kg	KERN	KERN
BFB 600K-1SNM	600	0,2	4	Α	105	965-230	963-130
BFB 600K-1NM	600	0,2	4	В	140	965-230	963-130
BFB 1T-4SNM	1500	0,5	10	Α	105	965-230	963-130
BFB 1T-4NM	1500	0,5	10	В	140	965-230	963-130
BFB 3T-3NM	3000	1	20	В	140	965-232	963-132
BFB 3T1LM	3000	1	20	C	155	965-232	963-132
BFB 6T-3M	6000	2	40	D	230	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



Stainless steel weighing bridge with screwed-on weighing plate (IP68) and stainless steel display device (IP65), verification optional

Features

- Tough industry standard suitable for use in harsh industrial applications
- Weighing plate screwed on from the top with stainless steel screws, so it's easy to remove, hygienic and easy to clean
- 11 Weighing bridge: stainless steel, extremely resistant to bending due to material thickness, 4 welded stainless steel load cells, IP68 dust and spray protection. Weighing bridge can also be delivered as component without the display device, for details see KERN KFP-V40
- Your support in a HACCP-compliant quality system
- Easy levelling of the weighing bridge as well as access to the junction box from above
- 3 Display device: stainless steel, protection against dust and water splashes IP65. Ideal for industrial applications, hygienic and easy to clean. The display device can also be delivered as a component without the weighing bridge, for details see KERN KFN-TM

- Benchtop stand incl. wall mount for display device as standard
- Totalising of weights and piece counts
- · Internal rechargeable battery pack included with the delievery
- Did you know? Our floor scales are delivered in a robust wooden box. This protects the high-quality weighing technology from environmental influences and stresses during transportation. KERN - always one step ahead

Technical data

- Large backlit LCD display, digit height 52 mm
- · Weighing plate dimensions
- A W×D×H 1000×1000×90 mm
- **B** W×D×H 1500×1250×85 mm
- · Dimensions of display device W×D×H 266×165×96 mm
- · Cable length of display device approx. 5 m
- Permissible ambient temperature -10 $^{\circ}\text{C}/40~^{\circ}\text{C}$









Accessories

- Pair of base plates to fix the weighing bridge to the floor, KERN BFN-A03
- 5 Ascending ramp, stainless steel, for models with weighing plate size
- A 1000×750×85 mm, KERN BFN-A05
- **B** 1250×750×85 mm, KERN BFN-A01
- 6 Stable pit frame, stainless steel, for models with weighing plate size
- A 1085×1085×80 mm, KERN BFN-A06
- **B** 1335×1585×80 mm, KERN BFN-A02
- Data interface RS-232, interface cable included, approx. 1,5 m, must be ordered at purchase, KERN KFN-A01
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, not possible in combination with verification or RS 232 data interface, KERN KFB-A03
- · Analogue module, must be ordered at purchase, not possible in combination with RS 232 data interface
- 0-10 V: KERN KFB-A04
- 4-20 mA: KERN KFB-A05
- · Cable with special length 15 m, between display device and platform, for verified models which must be ordered at the time of purchase, KERN BFB-A03
- · Further details, plenty of further accessories and suitable printers see Accessories

Optionally configurable with IP68 display device on request

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

STANDARD















































Model	Weighing ca-	Readability	Minimal load	Net weight	Weighing		Options
	pacity	= Verification value		approx.	plate	Verification	DAkkS Calibr. Certificate
	[Max]	[d] = [e]	[Min]			MI	DAkkS
KERN	kg	kg	kg	kg		KERN	KERN
BFN 600K-1SM	600	0,2	4	85	Α	965-230	963-130
BFN 1.5T0.5M	1500	0,5	10	120	В	965-230	963-130
BFN 1T-4SM	1500	0,5	10	85	Α	965-230	963-130
BFN 3T-3M	3000	1	20	150	В	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