

FLOOR SCALES/ PALLET SCALES/ DRIVE-THROUGH SCALES

2017

PROFESSIONAL
MEASURING



KERN Pictograms

	Internal adjusting: Quick setting up of the balance's accuracy with internal adjusting weight (motordriven).		Piece counting: Reference quantities selectable. Display can be switched from piece to weight.		Rechargeable battery pack: Rechargeable set.
	Adjusting program CAL: For quick setting up of the balance's accuracy. External adjusting weight required.		Recipe level A: Separate memory for the weight of the tare container and the recipe ingredients (net total).		Universal mains adapter: with universal input and optional input socket adapters for A) EU, GB B) EU, GB, CH, USA C) EU, GB, CH, USA, AUS
	Memory: Balance memory capacity, e.g. for article data, weighing data, tare weights, PLU etc.		Recipe level B: Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display.		Mains adapter: 230V/50Hz in standard version for EU. On request GB, USA or AUS version available.
	Alibi memory: Electronic archiving of weighing results, complying with the 2009/23/EC standard. For details see page 199		Recipe level C: Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display, multiplier function, adjustment of recipe when dosages are exceeded or barcode recognition.		Power supply: Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, USA or AUS on request.
	Data interface RS-232: To connect the balance to a printer, PC or network.		Totalising level A: The weights of similar items can be added together and the total can be printed out.		Weighing principle: Strain gauges Electrical resistor on an elastic deforming body.
	RS-485 data interface: To connect the balance to a printer, PC or other peripherals. High tolerance against electromagnetic disturbance.		Percentage determination: Determining the deviation in % from the target value (100 %).		Weighing principle: Tuning fork A resonating body is electromagnetically excited, causing it to oscillate.
	USB data interface: To connect the balance to a printer, PC or other peripherals.		Weighing units: Can be switched to e.g. nonmetric units at the touch of a key. See balance model. Please refer to KERN's website for more details.		Weighing principle: Electromagnetic force compensation Coil inside a permanent magnet. For the most accurate weighings.
	Bluetooth* data interface: To transfer data from the balance to a printer, PC or other peripherals.		Weighing with tolerance range: Upper and lower limiting values can be programmed individually for e.g. dosing, sorting and portioning		Weighing principle: Single cell technology Advanced version of the force compensation principle with the highest level of precision.
	WLAN data interface: To transfer data from the balance to a printer, PC or other peripherals.		Hold function: (Animal weighing program) When the weighing conditions are unstable, a stable weight is calculated as an average value.		Verification possible: The time required for verification is specified in the pictogram.
	Control outputs (optocoupler, digital I/O): To connect relays, signal lamps, valves, etc.		Protection against dust and water splashes IPxx: The type of protection is shown in the pictogram. For details see page 56.		DAKkS calibration possible (DKD): The time required for DAKkS calibration is shown in days in the pictogram.
	Interface for second balance: For direct connection of a second balance.		ATEX explosion protection: Suitable for use in hazardous industrial environments, in which there is explosion danger. The ATEX marking is specified for each device.		Package shipment: The time required for internal shipping preparations is shown in days in the pictogram.
	Network interface: For connecting the scale to an Ethernet network. With KERN products you can use a universal RS-232/LAN converter. See page 166		Stainless steel: The balance is protected against corrosion.		Pallet shipment: The time required for internal shipping preparations is shown in days in the pictogram.
	Wireless data transfer: between the weighing unit and the evaluation unit using an integrated radio module.		Suspended weighing: Load support with hook on the underside of the balance.		Warranty: The warranty period is shown in the pictogram.
	GLP/ISO log: The balance displays the weight, date and time, regardless of a printer connection.		Battery operation: Ready for battery operation. The battery type is specified for each device.		
	GLP/ISO log: With weight, date and time. Only with KERN printers, see "Accessories", see page 163.				



Balances & Test service catalogue

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



Medical scales catalogue

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



Microscopes & refractometers catalogue

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



SAUTER measuring equipment catalogue

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



DAkkS calibration service brochure

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

Your advantages

fast

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

reliable

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

competent

- DAkkS accreditation DIN EN ISO/IEC 17025
- Certified QM system DIN EN ISO 9001:2008
- Authorisation for initial verification by the manufacturer 2014/31/EU
- Medical certifications DIN EN ISO 13485 and 93/42/EEC

versatile

- One-stop shopping: from pocket balances through to floor scales – everything from one supplier
- Find the product you want at lightning speed with the “Balance Quick-Finder” at www.kern-sohn.com

 **Order hotline**
+49 [0] 7433 9933-0

 **Service hotline**
+49 [0] 7433 9933-199

 **Calibration hotline**
+49 [0] 7433 9933-196

 **Our team of consultants will assist you**
from Monday to Friday
from 8:00 am to 6:00 pm

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 **E-mail order**
info@kern-sohn.com

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

Floor scales/Pallet scales/Drive-through scales

Robust aid for weighing large loads

KERN offers a carefully coordinated range from affordable entry level models, to practical built-in solutions, up to the top level verified models made of stainless steel. Their common feature is the long-lasting industrial quality as well as the high level of protection against dust and spray.

The installation, startup, and possible verification of floor, pallet, and drive-through scales require specialised knowledge, which is the basis for a successful sale. Please ask for our "Floor scale info sheet".

High-capacity scales – ideal for piece counting with large item quantities

The weighing ranges of bench counting scales are often not sufficient to count large quantities, units, palletised items etc. This is where high-performance counting systems are employed as these combine a high-precision reference balance with a high-capacity bulk scale, such as e.g. floor scales, pallet scales or drive-through scales. Your personal KERN customer consultant will be happy to help you setting up the right high-capacity counting system.



Individuality is the trump card – we create your ideal scale!

Do you have any special requests, which are not covered by our extensive floor scale range? Then why not configure your ideal model yourself, it's quick, individual and affordable.

Of course we can also offer you the complete service and put the required scale combination together for you, including verification. All further details can be found from page 133 ff. or ask your personal customer service agent, he will be pleased to advise you



Stephan Ade

Product specialist Floor scales/
Pallet scales/Drive-through scales

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ade@kern-sohn.com



Your product specialist's recommendation:

-  **Massive steel weighing bridge with IP67 protection**
-  **Dual-range balance for high degree of accuracy and high weighing ranges**
-  **Optimised price performance ratio**



HIGH-LIGHT

from €

950,-

► page 113

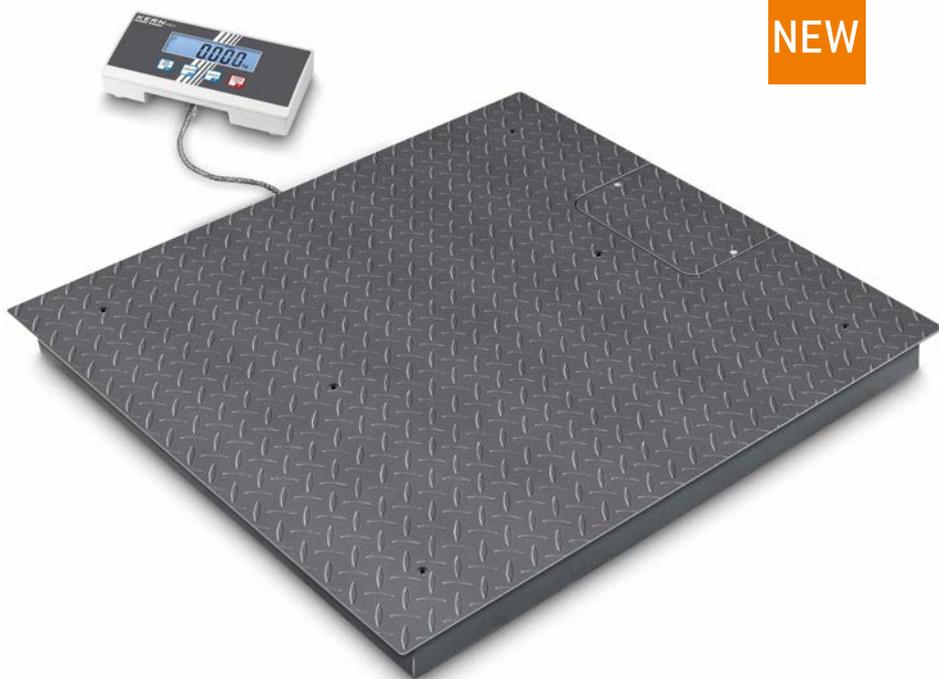
KERN BIC

Quick-Finder Floor scales/Pallet scales/Drive-through scales

Read-out [d]	Weighing range [Max]	Weighing plate W×D×H mm	Model KERN	Price excl. of VAT ex works €	Page													
						For an explanation on the pictos, see the front flap												
0,1 0,2 kg	0,3 0,6 kg	1000×1000×108	BIC 600K-1S	950,-	113	2			●							●		○
0,1 0,2 kg	0,3 0,6 kg	1200×1500×108	BIC 600K-1	1100,-	113	2			●							●		○
0,2 kg	0,6 t	1000×1000×85	BFB 600K-1SNM	1140,-	114	2	○		●	●	●	●	●	●	●	●		○
0,2 kg	0,6 t	1500×1250×85	BFB 600K-1NM	1520,-	114	2	○		●	●	●	●	●	●	●	●		○
0,2 kg	0,6 t	1000×1000×85	BFA 600K-1SNM	1250,-	115	5	○		●	○	●	●	●	●	●	●	●	○
0,2 kg	0,6 t	1500×1250×85	BFA 600K-1NM	1600,-	115	5	○		●	○	●	●	●	●	●	●	●	○
0,2 kg	0,6 t	1000×1000×80	BXS 600K-1SM	1490,-	116	2	○		●	○	●	●	●	●	●	●	●	○
0,2 kg	0,6 t	1500×1250×80	BXS 600K-1M	1700,-	116	2	○		●	○	●	●	●	●	●	●	●	○
0,2 kg	0,6 t	1500×1250×85	BFS 600K-1NM	1550,-	117	5	○		●	●	●	●	●	●	●	●	●	○
0,2 kg	0,6 t	1000×1000×85	BFS 600K-1SNM	1150,-	117	5	○		●	●	●	●	●	●	●	●	●	○
0,2 kg	0,6 t	1000×1000×80	BAN 600K-1SM	3050,-	118	5	○		●	○	●	●	●	●	●	●	●	○
0,2 kg	0,6 t	1000×1000×85	BFN 600K-1SM	2800,-	119	2	○		●	○	●	●	●	●	●	●	●	○
0,2 kg	0,6 t	1000×1000×110	BKN 600K-1SM	3800,-	121	5	○		●	○	●	●	●	●	●	●	●	○
0,2 kg	0,6 t	1250×1500×110	BKN 600K-1M	4450,-	121	5	○		●	○	●	●	●	●	●	●	●	○
0,2 kg	0,6 t	800×120×100	UFA 600K-1S	860,-	122	2			●	●	●	●	●	●	●	●		○
0,2 kg	0,6 t	840×1190×90	UFB 600K200M	930,-	123	2	○		●	●	●	●	●	●	●	●		○
0,2 kg	0,6 t	840×1190×90	UFC 600K-1M	1320,-	124	2	○		●	○	●	●	●	●	●	●		○
0,2 kg	0,6 t	840×1190×90	UFN 600K-1M	1760,-	125	2	○		●	○	●	●	●	●	●	●	●	○
0,2 kg	0,6 t	1000×1000×85	NFB 600K200M	1290,-	126	2	○		●	●	●	●	●	●	●	●		○
0,2 kg	0,6 t	1200×1200×85	NFB 600K200LM	1490,-	126	2	○		●	●	●	●	●	●	●	●		○
0,2 kg	0,6 t	1600×1200×80	NBB 600K-1M	1670,-	127	2	○		●	●	●	●	●	●	●	●		○
0,2 kg	0,6 t	1400×1800×80	NBB 600K-1LM	1850,-	127	2	○		●	●	●	●	●	●	●	●		○
0,2 kg	0,6 t	1600×1200×80	NFN 600K-1M	2900,-	128	2	○		●	○	●	●	●	●	●	●	●	○
0,2 kg	0,6 t	1800×1400×78	NFN 600K-1LM	2900,-	128	2	○		●	○	●	●	●	●	●	●	●	○
0,2 0,5 kg	0,6 1,5 t	1000×1000×108	BIC 1T-4S	950,-	113	2			●							●		○
0,2 0,5 kg	0,6 1,5 t	1200×1500×108	BIC 1T-4	1100,-	113	2			●							●		○
0,5 kg	1,5 t	1000×1000×85	BFB 1T-4SNM	1150,-	114	2	○		●	●	●	●	●	●	●	●		○
0,5 kg	1,5 t	1500×1250×85	BFB 1T-4NM	1520,-	114	2	○		●	●	●	●	●	●	●	●		○
0,5 kg	1,5 t	1000×1000×85	BFA 1T-4SNM	1250,-	115	5	○		●	○	●	●	●	●	●	●	●	○
0,5 kg	1,5 t	1500×1250×85	BFA 1T-4NM	1600,-	115	5	○		●	○	●	●	●	●	●	●	●	○
0,5 kg	1,5 t	1000×1000×80	BXS 1.5T-4SM	1490,-	116	2	○		●	○	●	●	●	●	●	●	●	○
0,5 kg	1,5 t	1500×1250×80	BXS 1.5T-4M	1700,-	116	2	○		●	○	●	●	●	●	●	●	●	○
0,5 kg	1,5 t	1500×1250×85	BFS 1T-4NM	1550,-	117	5	○		●	●	●	●	●	●	●	●		○
0,5 kg	1,5 t	1000×1000×85	BFS 1T-4SNM	1150,-	117	5	○		●	●	●	●	●	●	●	●		○
0,5 kg	1,5 t	1000×1000×80	BAN 1T-4SM	3050,-	118	5	○		●	○	●	●	●	●	●	●	●	○
0,5 kg	1,5 t	1500×1250×80	BAN 1T-4M	3750,-	118	5	○		●	○	●	●	●	●	●	●	●	○
0,5 kg	1,5 t	1000×1000×80	BFN 1T-4SM	2800,-	119	2	○		●	○	●	●	●	●	●	●	●	○
0,5 kg	1,5 t	1500×1250×80	BFN 1.5T0.5M	3450,-	119	2	○		●	○	●	●	●	●	●	●	●	○
0,5 kg	1,5 t	1000×1000×110	BKN 1T-4SM	3800,-	121	5	○		●	○	●	●	●	●	●	●	●	○
0,5 kg	1,5 t	1500×1250×110	BKN 1T-4M	4450,-	121	5	○		●	○	●	●	●	●	●	●	●	○
0,5 kg	1,5 t	1200×120×100	UFA 1.5T0.5	870,-	122	2			●	●	●	●	●	●	●	●		○
0,5 kg	1,5 t	840×1190×90	UFB 1.5T0.5M	930,-	123	2	○		●	●	●	●	●	●	●	●		○
0,5 kg	1,5 t	840×1190×90	UFC 1.5T-4M	1320,-	124	2	○		●	○	●	●	●	●	●	●		○
0,5 kg	1,5 t	840×1190×90	UFN 1.5T-4M	1760,-	125	2	○		●	○	●	●	●	●	●	●	●	○
0,5 kg	1,5 t	1000×1000×85	NFB 1.5T0.5M	1290,-	126	2	○		●	●	●	●	●	●	●	●		○
0,5 kg	1,5 t	1200×1200×85	NFB 1.5T0.5LM	1460,-	126	2	○		●	●	●	●	●	●	●	●		○
0,5 kg	1,5 t	1600×1200×78	NBB 1T-1M	1660,-	127	2	○		●	●	●	●	●	●	●	●		○
0,5 kg	1,5 t	1800×1400×78	NBB 1T-1LM	1860,-	127	2	○		●	●	●	●	●	●	●	●		○
0,5 kg	1,5 t	1800×1400×78	NFN 1T-1M	2900,-	128	2	○		●	○	●	●	●	●	●	●	●	○
0,5 kg	1,5 t	1800×1400×78	NFN 1T-1LM	2900,-	128	2	○		●	○	●	●	●	●	●	●	●	○
0,5 1 kg	1,5 3 t	1200×1500×108	BIC 3T-3	1100,-	113	2			●							●		○
0,5 1 kg	1,5 3 t	1500×1500×108	BIC 3T-3L	1200,-	113	2			●							●		○
1 kg	3 t	1500×1250×85	BFB 3T-3NM	1520,-	114	2	○		●	●	●	●	●	●	●	●		○
1 kg	3 t	1500×1500×85	BFB 3T-1LM	1700,-	114	2	○		●	●	●	●	●	●	●	●		○
1 kg	3 t	1500×1250×85	BFA 3T-3NM	1600,-	115	5	○		●	○	●	●	●	●	●	●	●	○
1 kg	3 t	1500×1500×85	BFA 3T-3LM	1700,-	115	5	○		●	○	●	●	●	●	●	●	●	○
1 kg	3 t	1500×1250×80	BXS 3T-3M	1700,-	116	2	○		●	○	●	●	●	●	●	●	●	○
1 kg	3 t	1500×1250×85	BFS 3T-3NM	1550,-	117	5	○		●	●	●	●	●	●	●	●		○
2 kg	6 t	1500×1500×80	BFS 6T-3M	1950,-	117	5	○		●	●	●	●	●	●	●	●		○
1 kg	3 t	1500×1500×80	BFS 3T-3LM	2050,-	117	5	○		●	●	●	●	●	●	●	●		○
1 kg	3 t	1500×1250×80	BAN 3T-3M	3750,-	118	5	○		●	○	●	●	●	●	●	●	●	○
1 kg	3 t	1500×1250×80	BFN 3T-3M	3490,-	119	2	○		●	○	●	●	●	●	●	●	●	○
1 kg	3 t	1500×1250×110	BKN 3T-3M	4450,-	121	5	○		●	○	●	●	●	●	●	●	●	○
1 kg	3 t	1500×1500×110	BKN 3T-3LM	5800,-	121	5	○		●	○	●	●	●	●	●	●	●	○
1 kg	3 t	1200×120×100	UFA 3T-1	890,-	122	2			●	●	●	●	●	●	●	●		○
1 kg	3 t	2000×120×100	UFA 3T-3L	1050,-	122	2			●	●	●	●	●	●	●	●		○
2 kg	6 t	1500×1500×130	BFB 6T-3M	1950,-	114	5	○		●	●	●	●	●	●	●	●		○
2 kg	6 t	1500×1500×130	BFA 6T-3M	2040,-	115	5	○		●	○	●	●	●	●	●	●	●	○
2 kg	6 t	1200×120×80	UFA 6T-3	1190,-	122	2			●	●	●	●	●	●	●	●		○
2 kg	6 t	2100×160×85	UFA 6T-3L	1490,-	122	2			●	●	●	●	●	●	●	●		○

NEW 2017

● = standard ○ = option



NEW



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 silicone-coated steel load cells, dust and spray protection IP67
- **Easy levelling of the weighing bridge** as well as **access to the junction box** from above
- **Simple and convenient 4-key operation**
- **Benchtop stand incl. wall mount** for display device as standard

Technical data

- Large LCD display, digit height 25 mm
- Weighing plate dimensions W×D×H
 - A 1000×1000×108 mm
 - B 1200×1500×108 mm
 - C 1500×1500×108 mm
- Dimensions of display device W×D×H 235×114×51 mm
- Cable length of display device approx. 5 m
- Permissible ambient temperature -10 °C/40 °C

Accessories

- **Protective working cover** over the display device standard. Can be re-ordered, scope of delivery: 5 items, KERN EOB-A02S05-2017, **€ 30,-**
- **Pair of base plates** to fix the weighing bridge to the floor, KERN BIC-A07, **€ 40,-**

- **Ascending ramp**, steel, powder-coated, not included, for models with weighing plate size
 - A 1000×1000×108 mm, KERN BIC-A01, **€ 410,-**
 - B 1200×1000×108 mm, KERN BIC-A02, **€ 470,-**
 - C 1500×1000×108 mm, KERN BIC-A03, **€ 540,-**
- **Stable pit frame**, steel, powder-coated, for models with weighing plate size
 - A 1000×1000×110 mm, KERN BIC-A04, **€ 330,-**
 - B 1200×1500×110 mm, KERN BIC-A05, **€ 360,-**
 - C 1500×1500×110 mm, KERN BIC-A06, **€ 380,-**

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

STANDARD

CAL EXT | UNIT | IP 67 | BATT | MULTI | DMS | 2 DAYS

OPTION

DAkks +3 DAYS

FACORY

ACCU

Model	Weighing range [Max] kg	Readout [d] kg	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options	
						DAkKS Calibr. Certificate	DKD KERN €
BIC 600K-1S	300 600	0,1 0,2	130	A	950,-	963-130	165,-
BIC 600K-1	300 600	0,1 0,2	150	B	1100,-	963-130	165,-
BIC 1T-4S	600 1500	0,2 0,5	130	A	950,-	963-130	165,-
BIC 1T-4	600 1500	0,2 0,5	150	B	1100,-	963-130	165,-
BIC 3T-3	1500 3000	0,5 1	150	B	1100,-	963-132	440,-
BIC 3T-3L	1500 3000	0,5 1	150	C	1200,-	963-132	440,-



Weighing bridge with screwed-on weighing plate (IP67) and XXL display device, with EC type approval [M]

Features

- **Weighing plate** **A**, **B** screwed on from the top, so it's easy to remove, hygienic and easy to clean
- **1 Weighing bridge:** steel, painted, weighing plate size **C**, **D** corrugated steel plate, welded, 4 silicone-coated steel load cells, dust and spray protection IP67
- **Easy levelling of the weighing bridge** as well as **access to the junction box** from above
- **Display device:** for details see KERN KFB-TM
- **Benchtop stand incl. wall mount** for display device as standard
- **Totalising** of weights and piece counts

Technical data

- Large backlit LCD display, digit height 52 mm

- Dimensions of display device WxDxH 250x160x58 mm
- Cable length of display device approx. 5 m
- Permissible ambient temperature -10 °C/40 °C

Accessories

- **Protective working cover**, can be re-ordered, scope of delivery: 5 items, KERN KFB-A02S05, **€ 35,-**
- **2 Stand** to elevate display device, height of stand approx. 800 mm, can be retrofitted, KERN BFS-A07, **€ 120,-**
- **Pair of base plates** to fix the weighing bridge to the floor, for models with weighing plate size **A**, **B**, **D** KERN BFS-A06N, **€ 70,-**
D KERN BFS-A10, **€ 60,-**

- **Ascending ramp**, steel, lacquered, not included, for models with weighing plate size **A** KERN BFS-A01N, **€ 390,-**
B KERN BFS-A02N, **€ 350,-**
C KERN BFS-A09, **€ 410,-**
D KERN BFS-A11, **€ 500,-**
- **3 Stable pit frame**, steel, lacquered, for models with weighing plate size **A** KERN BFS-A03N, **€ 310,-**
B KERN BFS-A04N, **€ 370,-**
C KERN BFS-A08, **€ 365,-**
- **Rechargeable battery pack internal**, operating time up to 35 h without backlight, charging time approx. 10 h, must be ordered at purchase, KERN KFB-A01, **€ 35,-**
- **4 Signal lamp** for visual support of weighing with tolerance range, KERN CFS-A03, **€ 250,-**
- **Large display with superior display size**, KERN YKD-A02, **€ 220,-**
- **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, **€ 160,-**
- Further details, plenty of further accessories and suitable printers see *Accessories*

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

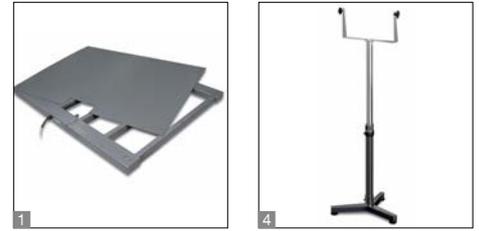
5 Limited tare range with verifiable models (1/3 from [Max])

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

STANDARD										OPTION		FACTORY	

Model	Weighing range [Max] kg	Readout = Verif. value [d] = [e] kg	Minimal load [Min] kg	Net weight approx. kg	Weighing plate mm	Price excl. of VAT ex works €	Options			
							Verification		DAkkS Calibr. Certificate	
KERN								€		€
BFB 600K-1SNM	600	0,2	4	105	A 1000x1000x85	1140,-	965-230	132,-	963-130	165,-
BFB 600K-1NM	600	0,2	4	135	B 1500x1250x85	1520,-	965-230	132,-	963-130	165,-
BFB 1T-4SNM	1500	0,5	10	135	A 1000x1000x85	1150,-	965-230	132,-	963-130	165,-
BFB 1T-4NM	1500	0,5	10	135	B 1500x1250x85	1520,-	965-230	132,-	963-130	165,-
BFB 3T-3NM	3000	1	20	135	B 1500x1250x85	1520,-	965-232	320,-	963-132	440,-
BFB 3T-1LM	3000	1	20	155	C 1500x1500x85	1700,-	965-232	320,-	963-132	440,-
BFB 6T-3M	6000	2	40	210	D 1500x1500x130	1950,-	965-232	320,-	963-132	440,-

Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.



Weighing bridge with screwed-on weighing plate (IP67) and stainless steel display device (IP68), with EC type approval [M]

Features

- **Tough industry standard** suitable for use in harsh industrial applications
- **1 Weighing plate** **C, D** screwed on from the top, so it's easy to remove, hygienic and easy to clean
- **2 Weighing bridge:** steel, painted, weighing plate size **C, D** corrugated steel plate, welded, 4 silicone-coated steel load cells, dust and spray protection IP67. Weighing bridge can also be delivered as component without the display device, for details see KERN KFP-V20 IP67
- **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
- **Benchtop stand incl. wall mount** for display device as standard

Technical data

- Large backlit LCD display, digit height 52 mm
- Dimensions of display device WxDxH 266x165x96 mm
- Cable length of display device approx. 5 m
- Rechargeable battery pack internal, operating time up to 35 h without backlight, charging time approx. 12 h
- Permissible ambient temperature -10 °C/40 °C

Accessories

- **4 Stand** to elevate display device, height of stand approx. 800 mm, can be retrofitted, KERN BFS-A07, **€ 120,-**
- **Rechargeable battery pack internal**, operating time up to 35 h without backlight, charging time approx. 12 h, KERN KFB-A01, **€ 35,-**

- **Pair of base plates** to fix the weighing bridge to the floor, for models with weighing plate size **A, B, C** KERN BFS-A06N, **€ 70,-**
D KERN BFS-A10, **€ 60,-**
- **Ascending ramp**, steel, lacquered, not included, for models with weighing plate size **A** KERN BFS-A01N, **€ 390,-**
B KERN BFS-A02N, **€ 350,-**
C KERN BFS-A09, **€ 410,-**
D KERN BFS-A11, **€ 500,-**
- **Stable pit frame**, steel, lacquered, for models with weighing plate size **A** KERN BFS-A03N, **€ 310,-**
B KERN BFS-A04N, **€ 370,-**
C KERN BFS-A08, **€ 365,-**
- **Data interface RS-232**, interface cable included, approx. 1,5 m, must be ordered at purchase, KERN KFN-A01, **€ 95,-**
- **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, **€ 160,-**
- **Large display with superior display size**, KERN YKD-A02, **€ 220,-**
- Further details, plenty of further accessories and suitable printers see *Accessories*

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

5 Limited tare range with verifiable models (1/3 from [Max])

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

STANDARD: CAL EXT, PCS, SUM, TOL, MOVE, IP 65, IP 67, INOX, MULTI, DMS, 2 DAYS, 3 YEARS WARRANTY

OPTION: DAKkS +3 DAYS

FACTORY: RS 232, ACCU, +3 DAYS

Model	Weighing range [Max] kg	Readout = Verif. value [d] = [e] kg	Minimal load [Min] kg	Net weight approx. kg	Weighing plate mm	Price excl. of VAT ex works €	Options			
							Verification		DAkkS Calibr. Certificate	
KERN							M KERN	€	DKD KERN	€
BFA 600K-1SNM	600	0,2	4	105	A 1000x1000x85	1250,-	965-230	132,-	963-130	165,-
BFA 600K-1NM	600	0,2	4	135	B 1500x1250x85	1600,-	965-230	132,-	963-130	165,-
BFA 1T-4SNM	1500	0,5	10	105	A 1000x1000x85	1250,-	965-230	132,-	963-130	165,-
BFA 1T-4NM	1500	0,5	10	135	B 1500x1250x85	1600,-	965-230	132,-	963-130	165,-
BFA 3T-3NM	3000	1	20	135	B 1500x1250x85	1600,-	965-232	320,-	963-132	440,-
BFA 3T-3LM	3000	1	20	160	C 1500x1500x85	1700,-	965-232	320,-	963-132	440,-
BFA 6T-3M 5	6000	2	40	210	D 1500x1500x130	2040,-	965-232	320,-	963-132	440,-

Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.



Weighing bridge with screwed-on weighing plate (IP67) and stainless steel display device (IP68), with EC type approval [M]

Features

- **Tough industry standard** suitable for use in harsh industrial applications
- **1 Weighing plate screwed on from the top**, so it's easy to remove, hygienic and easy to clean
- **2 Weighing bridge:** steel, painted, extremely resistant to bending due to material thickness, 4 silicone-coated steel load cells, dust and spray protection IP67. Weighing bridge can also be delivered as component without the display device, for details see KERN KXP-V20 IP67
- **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 IP68, for industrial applications, hygienic and easy to clean, integrated power supply

- **Benchtop stand incl. wall mount** for display device as standard
- **Totalising** of weights and piece counts
- Thanks to the RS-232, RS-485 and Bluetooth (optional) **interfaces**, the scale can easily be connected to existing networks. Data exchange between the scale, PC or printer

Technical data

- Large backlit LCD display, digit height 55 mm
- Weighing plate dimensions W×D×H
 - A 1000×1000×80 mm
 - B 1500×1250×80 mm
- Dimensions of display device W×D×H 232×170×80 mm
- Cable length of display device approx. 5 m
- Permissible ambient temperature -10 °C/40 °C

Accessories

- **Stand** to elevate display device, height of stand approx. 750 mm, can be retrofitted, KERN YKP-02, **€ 210,-**
- **Ascending ramp**, steel, painted, not included, for models with weighing plate size
 - A KERN BXS-A01, **€ 320,-**
 - B KERN BXS-A02, **€ 360,-**
- **Pair of base plates** to fix the weighing bridge to the floor, KERN BXS-A03, **€ 70,-**
- **Rechargeable battery pack internal**, operating time up to 80 h, without backlight, charging time approx. 12 h, KERN GAB-A04, **€ 40,-**
- **Bluetooth data interface** for wireless data transfer to PC or tablets, must be ordered at purchase, KERN KXS-A02, **€ 110,-**
- **Data interface RS-232**, interface cable included, approx. 1,5 m, must be ordered at purchase, KERN KXS-A04, **€ 40,-**
- **Data interface RS-485**, must be ordered at purchase, KERN KXS-A01, **€ 85,-**
- **Foot switch**, must be ordered at purchase, KERN KXS-A03, **€ 70,-**
- **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, **€ 160,-**
- Further details, plenty of further accessories and suitable printers see *Accessories*

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

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

STANDARD



OPTION



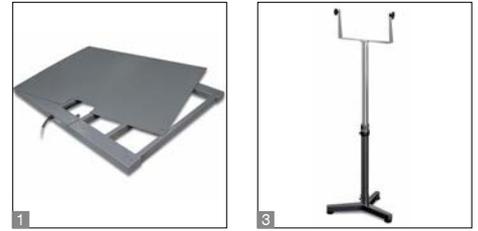
FACTORY



Model	Weighing range [Max] kg	Readout = Verification value [d] = [e] kg	Minimal load [Min] kg	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options			
							Verification		DAkkS Calibr. Certificate	
KERN							M00 KERN	€	DKD KERN	€
BXS 600K-1SM	600	0,2	4	100	A	1490,-	965-230	132,-	963-130	165,-
BXS 600K-1M	600	0,2	4	145	B	1700,-	965-230	132,-	963-130	165,-
BXS 1.5T-4SM	1500	0,5	10	100	A	1490,-	965-230	132,-	963-130	165,-
BXS 1.5T-4M	1500	0,5	10	145	B	1700,-	965-230	132,-	963-130	165,-
BXS 3T-3M	3000	1	20	145	B	1700,-	965-232	320,-	963-132	440,-

Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.

1 ONLY WHILE STOCKS LAST !



Floor scale with screwed-on weighing plate (IP67), piece-counting function, 99 item memories and EC type approval [M]

Features

- **Tough industry standard** suitable for use in harsh industrial applications
- **1 Weighing plate screwed on from the top**, so it's easy to remove, hygienic and easy to clean
- **2 Weighing bridge:** steel, painted, weighing plate size **C**, **D** corrugated steel plate, welded, 4 silicone-coated steel load cells, dust and spray protection IP67. Weighing bridge can also be delivered as component without the display device, for details see KERN KFP-V20 IP67
- **Easy levelling of the weighing bridge** as well as **access to the junction box** from above
- **Ergonomic display device** with large keypad and high-contrast LCD display for easy entry and reading of, e.g., tare weights, reference weights, limit values etc.

- **Benchtop stand incl. wall mount** for display device as standard
- **100 item memories** for master data such as reference weight, reference quantity, container weight (PRE-TARE) etc.
- Printout with date and time
- **Totalising** of pieces when counting

Technical data

- Large backlit LCD display, digit height 16,5 mm
- Weighing plate dimensions W×D×H
A 1000×1000×85 mm
B 1500×1250×85 mm
- Dimensions of display device W×D×H 260×150×65 mm
- Cable length of display device approx. 5 m
- Permissible ambient temperature -10 °C/40 °C

Accessories

- **Protective working cover**, can be re-ordered, scope of delivery: 5 items, KERN KFB-A02S05, **€ 35,-**
- **Rechargeable battery pack internal**, must be ordered at purchase, operating time up to 40 h, without backlight, charging time approx. 12 h, KERN KFS-A01, **€ 35,-**
- **3 Stand** to elevate display device, height of stand approx. 800 mm, can be retrofitted, KERN BFS-A07, **€ 120,-**
- **Pair of base plates** to fix the weighing bridge to the floor, for models with weighing plate size **A**, **B**, **C** KERN BFS-A06N, **€ 70,-**
D KERN BFS-A10, **€ 60,-**
- **Stable pit frame**, steel, lacquered, for models with weighing plate size **A** KERN BFS-A03N, **€ 310,-**
B KERN BFS-A04N, **€ 370,-**
C KERN BFS-A08, **€ 365,-**
- **Ascending ramp**, steel, lacquered, not included, for models with weighing plate size **A** KERN BFS-A01N, **€ 390,-**
B KERN BFS-A02N, **€ 350,-**
C KERN BFS-A09, **€ 410,-**
D KERN BFS-A11, **€ 500,-**
- **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, **€ 160,-**

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

4 Limited tare range with verifiable models (1/3 from [Max])

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

STANDARD: CAL EXT, MEMORY, RS 232, PCS, SUM, TOL, MOVE, IP 67, MULTI, 5 DAYS, 3 YEARS WARRANTY. OPTION: DAkkS +3 DAYS. FACTORY: ACCU, M +3 DAYS.

Model	Weighing range [Max] kg	Readout = Verification value [d] = [e] kg	Minimal load [Min] kg	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options			
							Verification		DAkkS Calibr. Certificate	
							M III KERN	€	DKD KERN	€
BFS 600K-1SNM	600	0,2	4	105	A	1150,-	965-230	132,-	963-130	165,-
BFS 600K-1NM ⁴	600	0,2	4	135	B	1550,-	965-230	132,-	963-130	165,-
BFS 1T-4SNM	1500	0,5	10	105	A	1150,-	965-230	132,-	963-130	165,-
BFS 1T-4NM	1500	0,5	10	135	B	1550,-	965-230	132,-	963-130	165,-
BFS 3T-3NM	3000	1	20	135	B	1550,-	965-232	320,-	963-132	440,-
BFS 3T-3LM	3000	1	20	160	C	2050,-	965-232	320,-	963-132	440,-
BFS 6T-3M ⁴	6000	2	40	210	D	1950,-	965-232	320,-	963-132	440,-

Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.



Stainless steel floor scale with complete dust and spray protection to IP68, extra large weighing bridge and EC type approval [M]

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 welded stainless steel load cells, dust and spray protection IP68. 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
- **Display device:** stainless steel, protection against dust and water splashes IP68, integrated power supply, hygienic and easy to clean, The display device can also be delivered

as a component without the weighing bridge, for details see KERN KXS-TM

- **Benchtop stand incl. wall mount** for display device as standard
- **Weighing with tolerance range (check-weighing):** a visual and audible signal helps with portioning, dispensing or grading
- **Totalising** of weights and piece counts

Technical data

- Large backlit LCD display, digit height 55 mm
- Dimensions of display device WxDxH 232x170x80 mm
- Cable length of display device approx. 5 m
- Weighing plate dimensions WxDxH
 - A 1000x1000x80 mm
 - B 1500x1250x80 mm
- Permissible ambient temperature -10 °C/40 °C

Accessories

- **Rechargeable battery pack internal**, operating time up to 80 h without backlight, charging time approx. 12 h, KERN GAB-A04, **€ 40,-**
- **Stand** to elevate display device, height of stand approx. 800 mm, can be retrofitted, KERN YKP-01, **€ 370,-**
- **Ascending ramp**, stainless steel, not included, for models with weighing plate size
 - A KERN BFN-A01, **€ 1150,-**
 - B KERN BFN-A05, **€ 1090,-**
- **Pair of base plates** to fix the weighing bridge to the floor, KERN BFN-A03, **€ 70,-**
- **2 Stable pit frame**, stainless steel, dimensions, WxDxH 1335x1585x80 mm, for models with weighing plate size B, KERN BFN-A02, **€ 890,-**
- **Data interface RS-232**, interface cable included, approx. 1,5 m, must be ordered at purchase, KERN KXS-A04, **€ 40,-**
- **Data interface RS-485**, must be ordered at purchase, KERN KXS-A01, **€ 85,-**
- **Bluetooth data interface** for wireless data transfer to PC or tablets, must be ordered at purchase, KERN KXS-A02, **€ 110,-**
- **Foot switch**, must be ordered at purchase, KERN KXS-A03, **€ 70,-**
- **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, **€ 160,-**
- Further details, plenty of further accessories and suitable printers see *Accessories*

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

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

STANDARD



OPTION



FACTORY



Model	Weighing range [Max] kg	Readout = Verification value [d] = [e] kg	Minimal load [Min] kg	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options			
							Verification		DAkkS Calibr. Certificate	
KERN							M KERN	€	DKD KERN	€
BAN 600K-1SM	600	0,2	4	100	A	3050,-	965-230	132,-	963-130	165,-
BAN 1T-4SM	1500	0,5	10	100	A	3050,-	965-230	132,-	963-130	165,-
BAN 1T-4M	1500	0,5	10	140	B	3750,-	965-230	132,-	963-130	165,-
BAN 3T-3M	3000	1	20	140	B	3750,-	965-232	320,-	963-132	440,-

Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.

1 ONLY WHILE STOCKS LAST !



Stainless steel weighing bridge with screwed-on weighing plate (IP68) and stainless steel display device (IP65), with EC type approval [M]

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
- **1 Weighing bridge:** stainless steel, extremely resistant to bending due to material thickness, 4 welded stainless steel load cells, dust and spray protection IP68. 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
- **2 Display device:** stainless steel, protection against dust and water splashes IP65, 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
- **Weighing with tolerance range (check-weighing):** a visual and audible signal helps with portioning, dispensing or grading
- **Totalising** of weights and piece counts

Technical data

- Large backlit LCD display, digit height 52 mm
- Dimensions of display device W×D×H 266×165×96 mm
- Cable length of display device approx. 5 m
- Weighing plate dimensions W×D×H
 - A 1000×1000×85 mm
 - B 1500×1250×80 mm
- Rechargeable battery pack internal, operating time up to 35 h without backlight, charging time approx. 12 h
- Permissible ambient temperature -10 °C/40 °C

Accessories

- **3 Stand** to elevate display device, height of stand approx. 800 mm, can be retrofitted, KERN BFN-A04, **€ 285,-**
- **4 Ascending ramp**, stainless steel, not included, for models with weighing plate size
 - A KERN BFN-A05, **€ 1090,-**
 - B KERN BFN-A01, **€ 1150,-**
- **Pair of base plates** to fix the weighing bridge to the floor, KERN BKN-A07, **€ 60,-**
- **5 Stable pit frame**, stainless steel, dimensions, W×D×H 1335×1585×80 mm, for models with weighing plate size B, KERN BFN-A02, **€ 890,-**
- **Data interface RS-232**, interface cable included, approx. 1,5 m, must be ordered at purchase, KERN KFN-A01, **€ 95,-**
- **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, **€ 160,-**
- Further details, plenty of further accessories and suitable printers see *Accessories*

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

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

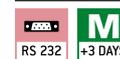
STANDARD



OPTION



FACTORY



Model	Weighing range [Max] kg	Readout = Verif. value [d] = [e] kg	Minimal load [Min] kg	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options			
							Verification		DAkkS Calibr. Certificate	
							M	€	DKD KERN	€
BFN 600K-1SM	600	0,2	4	100	A	2800,-	965-230	132,-	963-130	165,-
BFN 1T-4SM	1500	0,5	10	100	A	2800,-	965-230	132,-	963-130	165,-
BFN 1.5T0.5M	1500	0,5	10	135	B	3450,-	965-230	132,-	963-130	165,-
BFN 3T-3M	3000	1	20	135	B	3490,-	965-230	132,-	963-130	165,-

Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.

NEW



10

Stainless steel floor scale with folding weighing plate and complete dust and spray protection to IP68 and EC type approval [M]



To clean or service the floor scale, the weighing plate can be opened easily using two retractable handles, without damaging your back



Two high-performance absorbers ensure maximum comfort when lifting and lowering the weighing plate



Cavities and concealed edges are avoided by using hermetically welded section tubes. When combined with the clever frame structure, which reduces potential contamination areas, the result is a floor scale design which is of special benefit when used in areas where hygiene is particularly important.



Features

- **Tough industry standard** suitable for use in harsh industrial applications
- Your support in a **HACCP-compliant** quality system
- **Easy levelling of the weighing bridge** as well as **access to the junction box** from above
- **1 Display device:** stainless steel, protection against dust and water splashes IP68, hygienic and easy to clean. The display device can also be delivered as a component without the weighing bridge, for details see KERN
- **2 Benchtop stand incl. wall mount** for display device as standard
- **Weighing with tolerance range (check-weighing):** A visual and audible signal assists the rapid checking of items on palettes
- **Totalising** of weights and piece counts
- **3** Thanks to the RS-232, RS-485 and Bluetooth (optional) **interfaces**, the scale can easily be connected to existing networks. Data exchange between the scale, PC or printer

Technical data

- Large backlit LCD display, digit height 55 mm
- Cable length of display device approx. 5 m
- Weighing plate dimensions W×D×H
 - A** 1000×1000×110 mm
 - B** 1500×1250×110 mm
 - C** 1500×1500×110 mm
- Permissible ambient temperature -10 °C/40 °C

Accessories

- **Stand** to elevate display device, height of stand approx. 750 mm, can be retrofitted, KERN YKP-02, **€ 210,-**
- **Pair of base plates** to fix the weighing bridge to the floor, KERN BFN-A03, **€ 70,-**
- **Ascending ramp**, stainless steel, not included, for models with weighing plate size
 - A** KERN BKN-A01, **€ 1300,-**
 - B** KERN BKN-A02, **€ 1550,-**
 - C** KERN BKN-A03, **€ 1850,-**
- **Stable pit frame**, stainless steel, for models with weighing plate size
 - A** KERN BKN-A04, **€ 1350,-**
 - B** KERN BKN-A05, **€ 1600,-**
 - C** KERN BKN-A06, **€ 1700,-**

- **Rechargeable battery pack internal**, operating time up to 80 h without backlight, charging time approx. 12 h, KERN GAB-A04, **€ 40,-**
- **Foot switch**, must be ordered at purchase, KERN KXS-A03, **€ 70,-**
- **Data interface RS-232**, interface cable included, approx. 1,5 m, must be ordered at purchase, KERN KXS-A04, **€ 40,-**
- **Data interface RS-485**, must be ordered at purchase, KERN KXS-A01, **€ 85,-**
- **Bluetooth data interface** for wireless data transfer to PC or tablets, must be ordered at purchase, KERN KXS-A02, **€ 110,-**
- **RS-232/WiFi adapter** for wireless connection to networks and WLAN capable devices, such as tablets, laptops or smartphones, KERN YKI-03, **€ 750,-**
- **RS-232/Ethernet adapter** for connection to an IP-based Ethernet network, KERN YKI-01, **€ 290,-**
- Further details, plenty of further accessories and suitable printers see *Accessories*

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

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

STANDARD



OPTION



FACTORY



Model	Weighing range [Max] kg	Readout = Verif. value [d] = [e] kg	Minimal load [Min] kg	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options			
							Verification		DAkkS Calibr. Certificate	
							M M KERN	€	DKD KERN	€
BKN 600K-1SM	600	0,2	4	97	A	3800,-	965-230	132,-	963-130	165,-
BKN 600K-1M	600	0,2	4	126	B	4450,-	965-230	132,-	963-130	165,-
BKN 1T-4SM	1500	0,5	10	97	A	3800,-	965-230	132,-	963-130	165,-
BKN 1T-4M	1500	0,5	10	126	B	4450,-	965-230	132,-	963-130	165,-
BKN 3T-3M	3000	1	20	126	B	4450,-	965-232	320,-	963-132	440,-
BKN 3T-3LM	3000	1	20	156	C	5800,-	965-232	320,-	963-132	440,-



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

Features

- Flexible solution for weighing large, bulky or long items
- **High mobility:** thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations
- **1 Weighing beams:** steel, painted, 4 silicone-coated aluminium load cells, protection against dust and water splashes IP67. Weighing beams can also be delivered as components without the display device, for details see KERN KFA-V20
- **Sturdy handles** for transporting the weighing beams
 - 2 UFA-L: Each weighing beam has a roller and handle for easy transport of the scale
- **Display device:** for details see KERN KFB-TM
- **Benchtop stand incl. wall mount** for display device as standard
- **Totalising** of weights and piece counts

- **NEW:** KERN UFA-S, new model with short weighing beams, ideal for weighing compact items or animals in transport boxes

Technical data

- Large backlit LCD display, digit height 52 mm
- Dimensions of display device WxDxH 250x160x65 mm
- Cable length of display device approx. 5 m
- Cable length weighing beams approx. 2,5 m
- Permissible ambient temperature -10 °C/40 °C

Accessories

- **Protective working cover**, can be re-ordered, scope of delivery: 5 items, KERN KFB-A02S05, € 35,-
- **3 Stand** to elevate display device, height of stand approx. 800 mm, can be retrofitted, KERN BFS-A07, € 120,-

- **Rechargeable battery pack internal**, operating time up to 35 h without backlight, charging time approx. 10 h, KERN KFB-A01, € 35,-
- **4 Signal lamp** for visual support of weighing with tolerance range, KERN CFS-A03, € 250,-
- **5 Large display with superior display size**, KERN YKD-A02, € 220,-
- **Y-cable** for parallel connection of two terminal devices to the RS-232 interface on the scale, e.g. signal lamp or barcode reader and printer, KERN CFS-A04, € 35,-
- **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, € 160,-
- Further details, plenty of further accessories and suitable printers see *Accessories*

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

STANDARD



OPTION

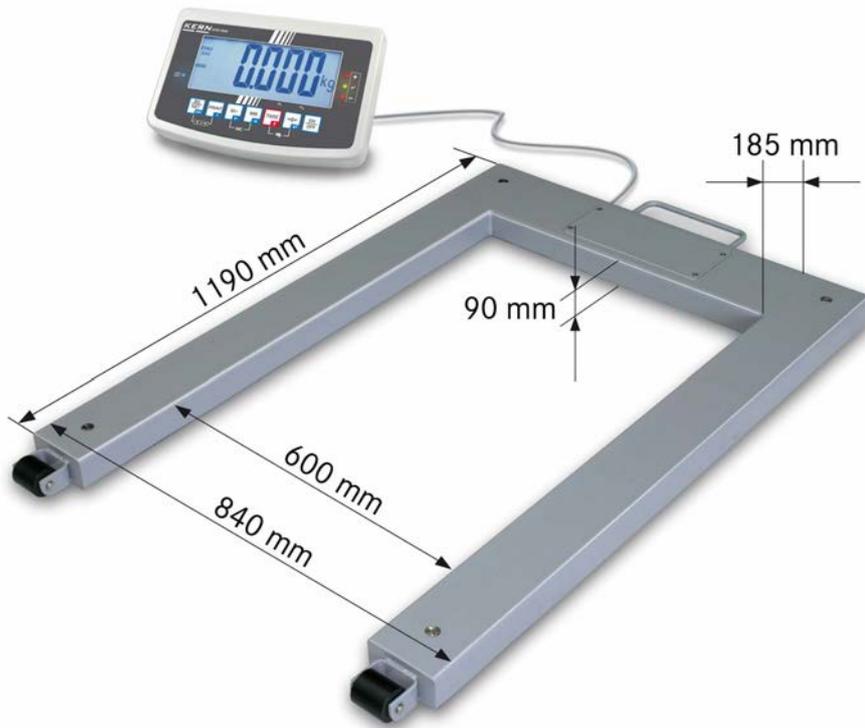


FACTORY



Model	Weighing range [Max] kg	Readout [d] kg	Net weight approx. kg	Dimensions weighing beam WxDxH mm	Price excl. of VAT ex works €	Options	
						DAkkS Calibr. Certificate	€
KERN						DKD KERN	€
UFA 600K-1S <small>NEW</small>	600	0,2	27	800x120x100	860,-	963-130	165,-
UFA 1.5T0.5	1500	0,5	38	1200x120x100	870,-	963-130	165,-
UFA 3T-1	3000	1	38	1200x120x100	890,-	963-132	440,-
UFA 3T-3L	3000	1	60	2000x120x100	1050,-	963-132	440,-
UFA 6T-3	6000	2	85	1200x120x80	1190,-	963-132	440,-
UFA 6T-3L	6000	2	135	2100x160x85	1490,-	963-132	440,-

NEW New model



Pallet scale with steel load support (IP67) and EC type approval [M]

Features

- **High mobility:** thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations
- **1 Load support:** steel, painted, 4 silicone-coated aluminium load cells, protection against dust and water splashes IP67. Weighing bridge can also be delivered as component without the display device, for details see KERN KFV V20
- Two wheels for easy transportation of the scale
- **Weighing with tolerance range (check-weighing):** A visual and audible signal assists the rapid checking of items on pallets
- **Counting system:** A counting scale can be connected using the data interface, and this can be used to create a high-capacity counting system for counting the very small parts in largest quantities
- **Totalising** of weights and piece counts

Technical data

- Large backlit LCD display, digit height 52 mm
- Dimensions of display device WxDxH 250x160x58 mm
- Cable length of display device approx. 5 m
- Net weight approx. 55 kg
- Permissible ambient temperature -10 °C/40 °C

Accessories

- **Protective working cover**, can be re-ordered, scope of delivery: 5 items, KERN KFB-A02S05, € 35,-
- **2 Stand** to elevate display device, height of stand approx. 800 mm, can be retrofitted, KERN BFS-A07, € 120,-
- **Rechargeable battery pack internal**, operating time up to 35 h without backlight, charging time approx. 12 h, KERN KFB-A01, € 35,-

- **3 Signal lamp** for visual support of weighing with tolerance range, KERN CFS-A03, € 250,-
- **4 Large display with superior display size**, KERN YKD-A02, € 220,-
- **Y-cable** for parallel connection of two terminal devices to the RS-232 interface on the scale, e.g. signal lamp or barcode reader and printer, KERN CFS-A04, € 35,-
- **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, € 160,-
- Further details, plenty of further accessories and suitable printers see *Accessories*

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

STANDARD



OPTION

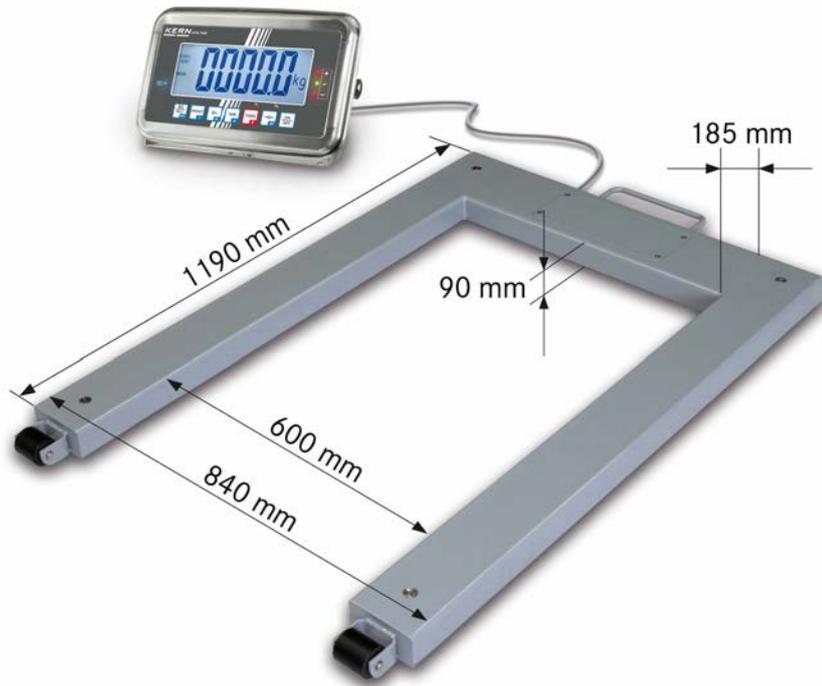


FACTORY



Model	Weighing range [Max] kg	Readout = Verification value [d] = [e] kg	Minimal load [Min] kg	Price excl. of VAT ex works €	Options			
					Verification		DAkkS Calibr. Certificate	
KERN						€		€
UFB 600K200M	600	0,2	4	930,-	965-230	132,-	963-130	165,-
UFB 1.5T0.5M	1500	0,5	10	930,-	965-230	132,-	963-130	165,-

Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.



Pallet scale with steel load support (IP67) and stainless steel display device (IP65), with EC type approval [M]

Features

- **High mobility:** thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations
- **1 Load support:** steel, painted, 4 silicone-coated aluminium load cells, protection against dust and water splashes IP67. Weighing bridge can also be delivered as component without the display device, for details see KERN KFV V20
- Two wheels for easy transportation of the scale
- **2 Display device:** for details see KERN KFN-TM
- **Weighing with tolerance range (check-weighing):** A visual and audible signal assists the rapid checking of items on pallets
- **Counting system:** A counting scale can be connected using the data interface, and this can be used to create a high-capacity counting system for counting the very small parts in largest quantities
- **Totalising** of weights and piece counts

Technical data

- Large backlit LCD display, digit height 52 mm
- Dimensions of display device WxDxH 266x165x96 mm
- Cable length of display device approx. 5 m
- Net weight approx. 55 kg
- Permissible ambient temperature -10 °C/40 °C

Accessories

- **3 Stand** to elevate display device, height of stand approx. 800 mm, can be retrofitted, KERN BFS-A07, € 120,-
- **Rechargeable battery pack internal,** operating time up to 35 h without backlight, charging time approx. 12 h, KERN GAB-A04, € 40,-
- **4 Signal lamp** for visual support of weighing with tolerance range, KERN CFS-A03, € 250,-
- **5 Large display with superior display size,** KERN YKD-A02, € 220,-

- **Data interface RS-232,** interface cable included, approx. 1,5 m, must be ordered at purchase, KERN KFN-A01, € 95,-
- **Y-cable** for parallel connection of two terminal devices to the RS-232 interface on the scale, e.g. signal lamp or barcode reader and printer, KERN CFS-A04, € 35,-
- **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, € 160,-
- **Suitable printers** see *Accessories*

6 Limited tare range with verifiable models 1/6 from [Max]

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

STANDARD: CAL EXT, PCS, SUM, TOL, MOVE, IP 65, IP 67, MULTI, DMS, 5 DAYS, 3 YEARS WARRANTY

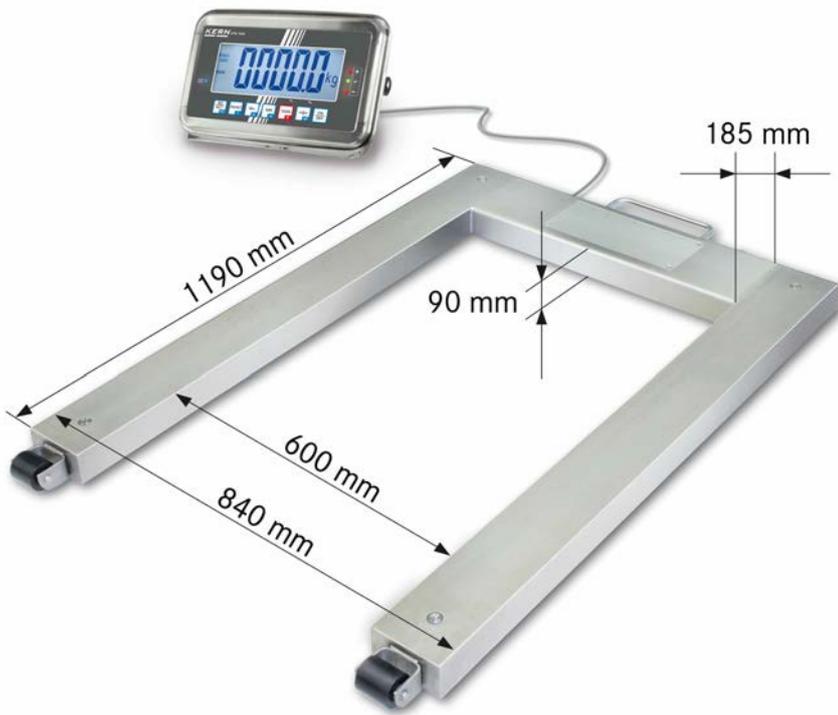
OPTION: DAKKS +3 DAYS

FACTORY: RS 232, ACCU, +3 DAYS, M

Model	Weighing range [Max] kg	Readout = Verification value [d] = [e] kg	Minimal load [Min] kg	Price excl. of VAT ex works €	Options			
					Verification		DAkkS Calibr. Certificate	
KERN					M KERN	€	DKD KERN	€
UFC 600K-1M 6	600	0,2	4	1320,-	965-230	132,-	963-130	165,-
UFC 1T-1M.	1500	0,5	10	990,- 1	965-230	132,-	963-130	165,-

Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.

1 Price reduction



Pallet scale (IP67) with XXL display device and EC type approval [M]

Features

- **High mobility:** thanks to rechargeable battery operation, compact, lightweight construction, it is suitable for the use in several locations (production, warehouse, dispatch department etc.)
- **1 Load support:** stainless steel, extremely resistant to bending due to material thickness, 4 silicone-coated stainless steel load cells, protection against dust and water splashes IP67. Weighing bridge can also be delivered as component without the display device, for details see KERN KFU-V30
- Your support in a **HACCP**-compliant quality system
- Suitable for the ever-increasing hygienic requirements in the food industry
- **2 Display device:** for details see KERN KFN-TM
- Two wheels for easy transportation of the scale

- **Hold function:** When the weighing conditions are unstable, a stable weight is calculated determining an average value
- **Weighing with tolerance range (check-weighing):** A visual and audible signal assists the rapid checking of items on palettes
- **Totalising** of weights
- **Note:** for additional models with 4 encapsulated stainless steel load cells (IP68) see the website, KERN UFN-BM

Technical data

- Large backlit LCD display, digit height 52 mm
- Dimensions of display device WxDxH 266x165x96 mm
- Cable length of display device approx. 5 m
- Net weight approx. 55 kg
- Permissible ambient temperature -10 °C/40 °C

Accessories

- **3 Stand** to elevate display device, height of stand approx. 800 mm, can be retrofitted, KERN BFN-A04, € 285,-
- **Rechargeable battery pack internal**, operating time up to 35 h without backlight, charging time approx. 10 h, KERN GAB-A04, € 40,-
- **4 Large display with superior display size**, KERN YKD-A02, € 220,-
- **Data interface RS-232**, interface cable included, approx. 1,5 m, must be ordered at purchase, KERN KFN-A01, € 95,-
- **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, € 160,-
- Further details, plenty of further accessories and suitable printers see *Accessories*

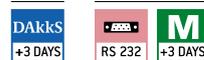
5 Limited tare range with verifiable models (1/6 from [Max])

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

STANDARD



OPTION



Model	Weighing range [Max] kg	Readout = Verification value [d] = [e] kg	Minimal load [Min] kg	Net weight approx. kg	Price excl. of VAT ex works €	Options			
						Verification		DAkkS Calibr. Certificate	
KERN							€		€
UFN 600K-1M* 5	600	0,2	4	55	1760,-	965-230	132,-	963-130	165,-
UFN 1.5T-4M	1500	0,5	10	55	1760,-	965-230	132,-	963-130	165,-

Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.

1 * ONLY WHILE STOCKS LAST !



Drive-through scale (IP67) with XXL display device and EC type approval [M]

Features

- **Drive-through scale** for rapid weighing of e.g. wire cage trolleys, shelf trolleys, container trolleys, storage trolleys, sack trucks, transpallets, mobile containers, containers refuse etc.
- **1 Weighing bridge:** out of anti-slip corrugated steel, 4 silicone-coated steel load cells, dust and spray protection IP67
- **Display device:** for details see KERN KFB-TM

Technical data

- Large backlit LCD display, digit height 52 mm
- Overall dimensions WxDxH
 - A 1000x1000x85 mm
 - B 1200x1200x85 mm
- Dimensions weighing surface
 - A WxD 1000x1000 mm
 - B WxD 1200x1200 mm
- Dimensions of display device WxDxH 250x160x65 mm

- Cable length of display device approx. 5 m
- Permissible ambient temperature -10 °C/40 °C

Accessories

- **Protective working cover**, can be re-ordered, scope of delivery: 5 items, KERN KFB-A02S05, **€ 35,-**
- **2 Stand** to elevate display device, height of stand approx. 800 mm, can be retrofitted, KERN BFS-A07, **€ 120,-**
- **Rechargeable battery pack internal**, operating time up to 35 h without backlight, charging time approx. 10 h, KERN KFB-A01, **€ 35,-**
- **Pair of base plates** to fix the weighing bridge to the floor, KERN BFS-A06, **€ 70,-**
- **3 Signal lamp** for visual support of weighing with tolerance range, KERN CFS-A03, **€ 250,-**
- **4 Large display with superior display size**, KERN YKD-A02, **€ 220,-**

- **Y-cable** for parallel connection of two terminal devices to the RS-232 interface on the scale, e.g. signal lamp or barcode reader and printer, KERN CFS-A04, **€ 35,-**
- **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, **€ 160,-**
- Further details, plenty of further accessories and suitable printers see *Accessories*

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

5 Limited tare range with verifiable models (1/3 from [Max])

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

STANDARD										OPTION		FACTORY	

Model	Weighing range [Max] kg	Readout = Verification value [d] = [e] kg	Minimal load [Min] kg	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options			
							Verification		DAkkS Calibr. Certificate	
								€		€
KERN NFB 600K200M	600	0,2	4	130	A	1290,-	965-230	132,-	963-130	165,-
NFB 600K200LM	600	0,2	4	155	B	1490,-	965-230	132,-	963-130	165,-
NFB 1.5T0.5M 5	1500	0,5	10	130	A	1290,-	965-230	132,-	963-130	165,-
NFB 1.5T0.5LM 5	1500	0,5	10	155	B	1460,-	965-230	132,-	963-130	165,-

Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.



Drive-through scale (IP67) with stainless steel display device (IP65) and EC type approval [M]

Features

- **Drive-through scale** for rapid weighing of e.g. wire cage trolleys, shelf trolleys, container trolleys, storage trolleys, sack trucks, transpallets, mobile containers, containers refuse etc.
- **1 Weighing bridge:** out of anti-slip corrugated steel, 4 silicone-coated stainless steel load cells, dust and spray protection IP67
- **2 Display device:** for details see KERN KFN-TM
- **Benchtop stand incl. wall mount** for display device as standard
- **Totalising** of weights and piece counts

Technical data

- Large backlit LCD display, digit height 52 mm
- Overall dimensions W×D×H
 - A 1600×1200×80 mm
 - B 1400×1800×80 mm

- Dimensions weighing surface, steel, painted,
 - A W×D 1000×1000 mm
 - B W×D 1800×1200 mm
- Dimensions of display device W×D×H 266×165×96 mm
- Cable length of display device approx. 5 m
- Permissible ambient temperature -10 °C/40 °C

Accessories

- **Protective working cover**, can be re-ordered, scope of delivery: 5 items, KERN KFB-A02S05, € 35,-
- **3 Stand** to elevate display device, height of stand approx. 800 mm, can be retrofitted, KERN BFS-A07, € 120,-
- **Pair of base plates** to fix the weighing bridge to the floor, KERN BFS-A06, € 70,-
- **Rechargeable battery pack internal**, operating time up to 35 h without backlight, charging time approx. 12 h, KERN GAB-A04, € 40,-

- **4 Signal lamp** for visual support of weighing with tolerance range, KERN CFS-A03, € 250,-
- **Large display with superior display size**, KERN YKD-A02, € 220,-
- **Data interface RS-232**, interface cable included, approx. 1,5 m, must be ordered at purchase, KERN KFN-A01, € 95,-
- **Y-cable** for parallel connection of two terminal devices to the RS-232 interface on the scale, e.g. signal lamp or barcode reader and printer, KERN CFS-A04, € 35,-
- **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, € 160,-
- Further details, plenty of further accessories and suitable printers see *Accessories*

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

Limited tare range with verifiable models (1/3 from [Max])

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

STANDARD										OPTION			FACTORY		

Model	Weighing range [Max] kg	Readout = Verification value [d] = [e] kg	Minimal load [Min] kg	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options			
							Verification		DAkKS Calibr. Certificate	
								€		€
KERN NBB 600K-1M	600	0,2	4	135	A	1670,-	965-230	132,-	963-130	165,-
NBB 600K-1LM	600	0,2	4	155	B	1850,-	965-230	132,-	963-130	165,-
NBB 1T-1M	1500	0,5	10	135	A	1660,-	965-230	132,-	963-130	165,-
NBB 1T-1LM	1500	0,5	10	155	B	1860,-	965-230	132,-	963-130	165,-

Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.



Stainless steel drive-through scale with IP68 weighing bridge, IP65 display device and EC type approval [M]

Features

- Robust stainless steel drive-through scale for rapid weighing of e.g. laundry carts, container trolleys, roller containers, etc. Ideal for hospital laundry services, goods inwards, hospital kitchens, etc.
- **Low platform height** and integrated access ramps on both sides facilitate access. No need for pit frame installation – which saves money
- **Ideal for the increased hygienic requirements** in the food, pharmaceutical and chemical industries
- **1 Weighing bridge:** stainless steel, extremely resistant to bending due to material thickness, 4 welded stainless steel load cells, dust and spray protection IP68. Weighing bridge can also be delivered as component without the display device, for details see KERN KFD-V40
- Your support in a **HACCP-compliant** quality system

- **2 Display device:** for details see KERN KFN-TM
- **Totalising** of weights and piece counts

Technical data

- Large backlit LCD display, digit height 52 mm
- Overall dimensions W×D×H
 - A 1600×1200×80 mm
 - B 1800×1400×78 mm
- Dimensions weighing surface
 - A W×D 1000×1000 mm
 - B W×D 1200×1200 mm
- Dimensions of display device W×D×H 266×165×96 mm
- Cable length of display device approx. 5 m
- Net weight approx. 135 kg
- Permissible ambient temperature -10 °C/40 °C

Accessories

- **3 Stand** to elevate display device, height of stand approx. 800 mm, can be retrofitted, KERN BFN-A04, € 285,-
- **Rechargeable battery pack internal**, operating time up to 35 h without backlight, charging time approx. 12 h, KERN GAB-A04, € 40,-
- **Pair of base plates** to fix the weighing bridge to the floor, KERN BFN-A03, € 70,-
- **Data interface RS-232**, interface cable included, approx. 1,5 m, must be ordered at purchase, KERN KFN-A01, € 95,-
- **4 Large display with superior display size**, KERN YKD-A02, € 220,-
- **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, € 160,-
- Further details, plenty of further accessories and suitable printers see *Accessories*

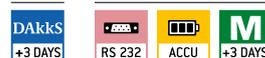
Note: For verified scales the weighing bridge must be fixed to the floor. Optionally, with an access ramp, a footplate pair or a pit frame

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

STANDARD



OPTION



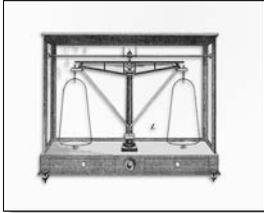
FACTORY

Model	Weighing range [Max] kg	Readout = Verification value [d] = [e] kg	Minimal load [Min] kg	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Options			
							Verification		DAkkS Calibr. Certificate	
							M KERN	€	DKD KERN	€
NFN 600K-1M	600	0,2	4	135	A	2900,-	965-230	132,-	963-130	165,-
NFN 600K-1LM	600	0,2	4	135	B	2900,-	965-230	132,-	963-130	165,-
NFN 1T-1M	1500	0,5	10	135	A	2900,-	965-230	132,-	963-130	165,-
NFN 1T-1LM	1500	0,5	10	135	B	2900,-	965-230	132,-	963-130	165,-

Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible. Verification at the factory, we need to know the full address of the location of use.

Tradition and innovation for more than 170 years

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



► 1844

KERN is founded – precision balances are produced



► 1863

A proud Gottlieb Kern with his staff



► 1880

Pharmaceutical balance with Aesculap



► 1923

Inflation – KERN wages are paid with self printed currency



► 1980

The electronic balance ousts mechanical devices



► 1994

Accredited DKD laboratory (ISO 17025)



► 2000

New premises in Balingen



► 2002

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



► 2007

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



► 2008

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



► 2009

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



► 2012

Verification point for non-automatic balances and test weights.

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



► 2014

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



► 2015

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

KERN & SOHN GmbH
Balances, Test weights, DAkkS Calibration laboratory
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Fax +49 [0] 7433 9933-149

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