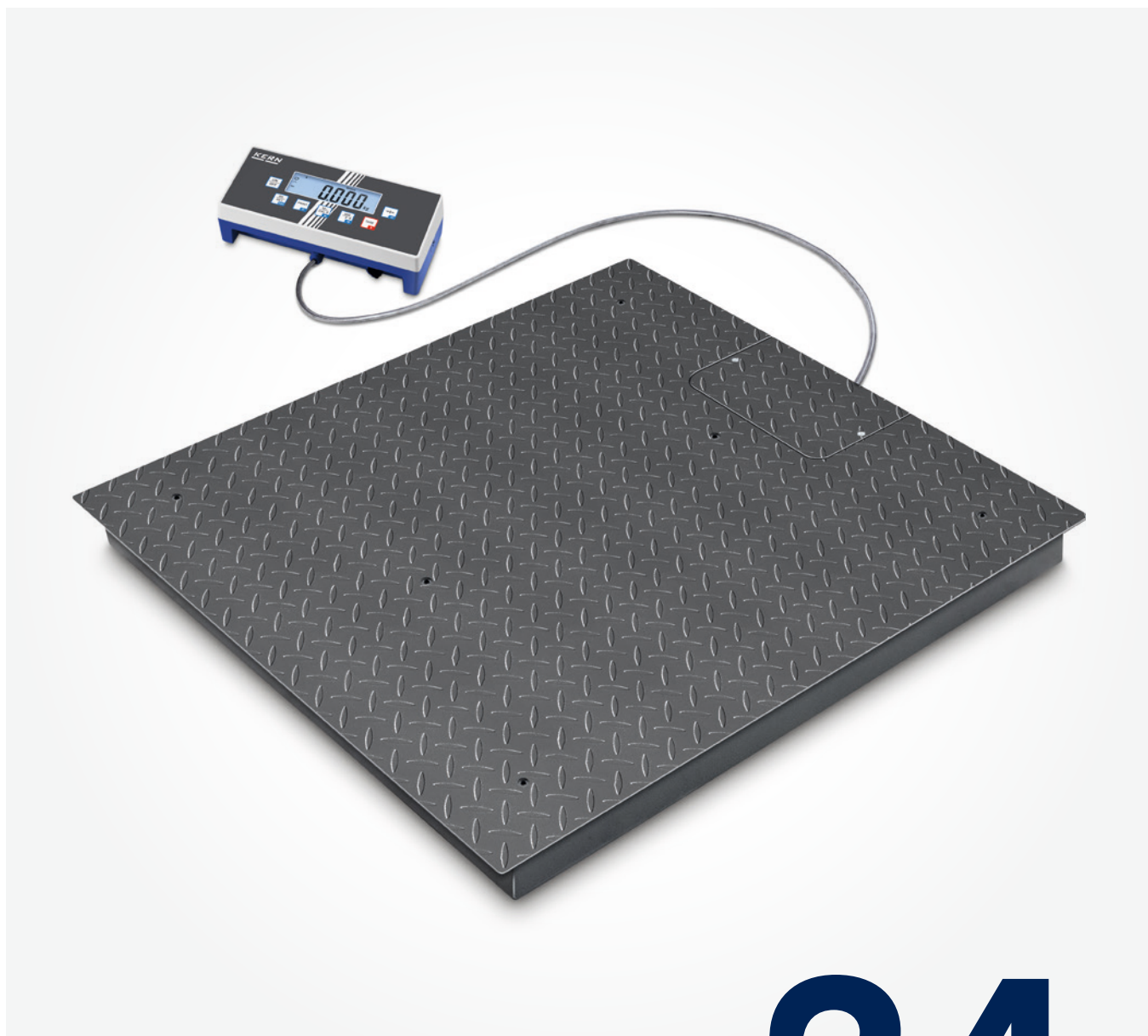




FLOOR SCALES, PALLET SCALES, DRIVE-THROUGH SCALES


PROFESSIONAL MEASURING





KERN Pictograms


 **Internal adjusting**
Quick setting up of the balance's accuracy with internal adjusting weight (motordriven)


 **Adjusting program CAL**
For quick setting up of the balance's accuracy. External adjusting weight required


 **EasyTouch**
Suitable for the connection, data transmission and control through PC or tablet


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


 **Alibi memory**
Secure, electronic archiving of weighing results, complying with the 2014/31/EU standard.


 **KERN Universal Port (KUP)**
allows the connection of external KUP interface adapters, e.g. RS-232, RS-485, SB, Bluetooth, WIFI, Analogue, Ethernet etc. for the exchange of data and control commands, without installation effort


 **RS-232 Data interface**
To connect the balance to a printer, PC or network


 **RS-485 Data interface**
To connect the balance to a printer, PC or other peripherals. Suitable for data transfer over large distances. Network in bus topology is possible


 **USB Data interface**
To connect the balance to a printer, PC or other peripherals

 **Bluetooth* Data interface**
To transfer data from the balance to a printer, PC or other peripherals

 **WIFI Data interface**
To transfer data from the balance to a printer, PC or other peripherals


 **Control outputs**
(optocoupler, digital I/O)
To connect relays, signal lamps, valves, etc.


 **Analogue interface**
to connect a suitable peripheral device for analogue processing of the measurements


 **Interface for second balance**
For direct connection of a second balance


 **Network interface**
For connecting the scale to an Ethernet network


 **KERN Communication Protocol (KCP)**
It is a standardized interface command set for KERN balances and other instruments, which allows retrieving and controlling all relevant parameters and functions of the device. KERN devices featuring KCP are thus easily integrated with computers, industrial controllers and other digital systems


 **GLP/ISO log intern**
The balance displays weight, date and time, independent of a printer connection


 **GLP/ISO log Printer**
With weight, date and time. Only with KERN printers.


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


 **Recipe level A**
The weights of the recipe ingredients can be added together and the total weight of the recipe can be printed out


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


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


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


 **Weighing units**
Can be switched to e.g. nonmetric units. See balance model. Please refer to KERN's website for more details

 **Weighing with tolerance range (Checkweighing)**
Upper and lower limiting can be programmed individually, e.g. for sorting and dosing. The process is supported by an audible or visual signal, see the relevant model


 **Hold function**
(Animal weighing program)
When the weighing conditions are unstable, a stable weight is calculated as an average value


 **Protection against dust and water splashes IPxx**
The type of protection is shown in the pictogram


 **Suspended weighing**
Load support with hook on the underside of the balance


 **Battery operation**
Ready for battery operation. The battery type is specified for each device


 **Rechargeable battery pack**
Rechargeable set


 **Universal plug-in power supply**
with universal input and optional input socket adapters for
A) EU, CH, GB
B) EU, CH, GB, US
C) EU, CH, GB, US, AUS


 **Plug-in power supply**
230V/50Hz in standard version for EU, CH. On request GB, USA or AUS version available


 **Integrated power supply unit**
Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, USA or AUS on request


 **Weighing principle Strain gauges**
Electrical resistor on an elastic deforming body


 **Weighing principle Tuning fork**
A resonating body is electromagnetically excited, causing it to oscillate


 **Weighing principle Electromagnetic force compensation**
Coil inside a permanent magnet. For the most accurate weighings


 **Weighing principle Single cell technology**
Advanced version of the force compensation principle with the highest level of precision

 **Conformity Assessment**
The time required for conformity assessment is specified in the pictogram

 **DAkkS calibration possible (DKD)**
The time required for DAkkS calibration is shown in days in the pictogram

 **Factory calibration (ISO)**
The time required for Factory calibration is shown in days in the pictogram

 **Package shipment**
The time required for internal shipping preparations is shown in days in the pictogram

 **Pallet shipment**
The time required for internal shipping preparations is shown in days in the pictogram

*The *Bluetooth®* word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by KERN & SOHN GmbH is under license. Other trademarks and trade names are those of their respective owners.

KERN Models A-Z

440	30
572	34
A	
ABP	50-51
ABP-A	52
ABT-NM	48
ACS/ACJ	46-47
ADB/ADJ	43
ALS-A/ALJ-A	44-45
B	
BFB	124-125
BFN	126
BIC	121
BID	122-123
C	
CB Q1 · CB Q2 · CB P1	160
CCA	94-95
CCS	96-97
CDS	93
CE Hx	138
CFS	90
CH	169
CIB	87
CJ P · CJ X	163
CKE	91
CM	10
CO Y1 · CO Y2 · CO Y5	162
CP P4 · CP Y4 · CP P1 · CP Y1 · CP P3	157
CP P2 · CP P8 · CP P7 · CP P9	158
CR Q1 · CR P1 · CR Y1	159
CT Q1 · CT P1 · CT P2	161
CPB	89
CXB/CXB-NM	88
D	
DAB	54
DBS	55
DE	106-107
DLB	56
DS	115
E	
ECB-N/ECE-N	59
EFS	13
EG-N/EW-N	37
EHA	17
EMB	14
EMB-V	15
EMS	16
EOB	104
EOC	108-109
EOE	103
EOS	105
EWJ	31

F	
FCB	61
FCE-N	60
FCF	69
FES/FEJ	41
FFN	74
FGE	68
FKB	62-63
FOB-LM	70
FOB-S · FOB-NS	71
FOB · FOB-NL	72
FXN · FXN-M	75
G	
GAB-N	64
H	
HCB	171
HCD	173
HCN	172
HDB-N · HDB-XL	170
HFA	174
HFC	175
HFD	176-177
HFM	180
I	
IFB	114
IFC	112-113
IFS	92
IOC	110-111
IXC	116-117
K	
KBP-V20 IP65	152
KDP	139
KFA-V20	154
KFB-TM	148
KFC-TM	150
KFD-V20	153
KFD-V40 IP68	155
KFN-TM	149
KFP-V20 IP65	152
KFP-V20 IP67	153
KFP-V30	154
KFP-V40 IP68	155
KFS-TM	148
KFU-V20	154
KFU-V30	154
KGP	136
KIB-TM	149
KIP-V20M	153
KXC-TM	151
KXP-V20 IP65	152

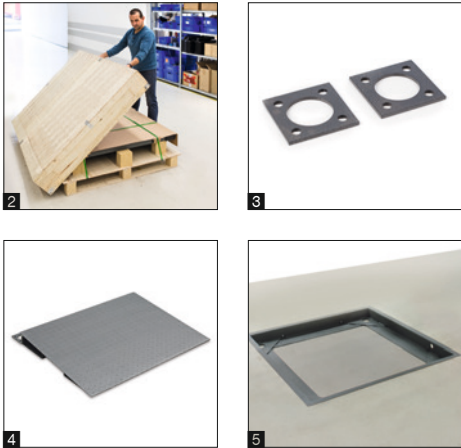
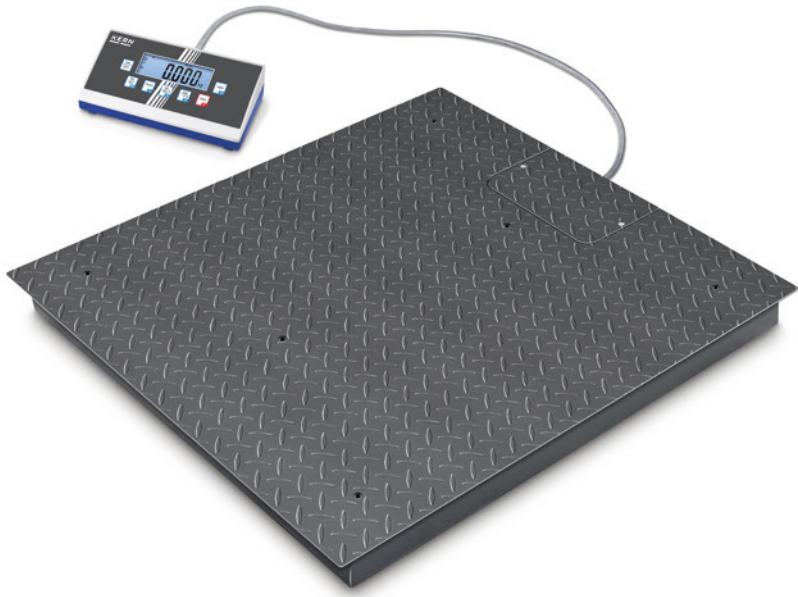
N	
NFB	133
NIB	132
NFN	134
P	
PBJ/PBS	39
PCB	28-29
PCD	26
PCJ	32-33
PEJ/PES	40
PFB	27
PLJ/PLS	35
PNS/PNJ	36
PWS	38
R	
RIB	80
RPB	81
S	
SCD-4.0	186
SCD-4.0-PRO	187
SFB/SFB-H	78
SFE	118
SXC	76-77
T	
TGC	11
TGD	11
U	
UFA	127
UFB	130
UFN	131
UIB	128
UID	129
V	
VHB	165
W	
WTB	73
Y	
YKV	137
YRO-01/-02/-03	192



KERN Quick-Finder
How I quickly find the product I am looking for

Ahead of each product group allows you to base the search for a certain target group on weighing data you need such as readout, weighing capacity and main features for each model.

- And it's as simple as that – find the product you want in 2 steps:
1. Go to the product group index on page 3
 2. Pick the appropriate product group and find the product you want using the Quick-Finder



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, € 44,-
- 3 Pair of base plates to fix the weighing bridge to the floor, KERN BIC-A07, € 44,-
- 4 Ascending ramp, steel, powder-coated, for models with weighing plate size
 - A 1000×1000×108 mm, KERN BIC-A01, € 395,-
 - B 1200×1000×108 mm, KERN BIC-A02, € 500,-
 - C 1500×1000×108 mm, KERN BIC-A03, € 600,-
- 5 Stable pit frame, steel, powder-coated, for models with weighing plate size
 - A 1088×1088×110 mm, KERN BIC-A04, € 350,-
 - B 1288×1588×110 mm, KERN BIC-A05, € 460,-
 - C 1588×1588×110 mm, KERN BIC-A06, € 490,-

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

STANDARD

CAL EXT

UNIT

MOVE

IP 67

BATT

MULTI

DMS

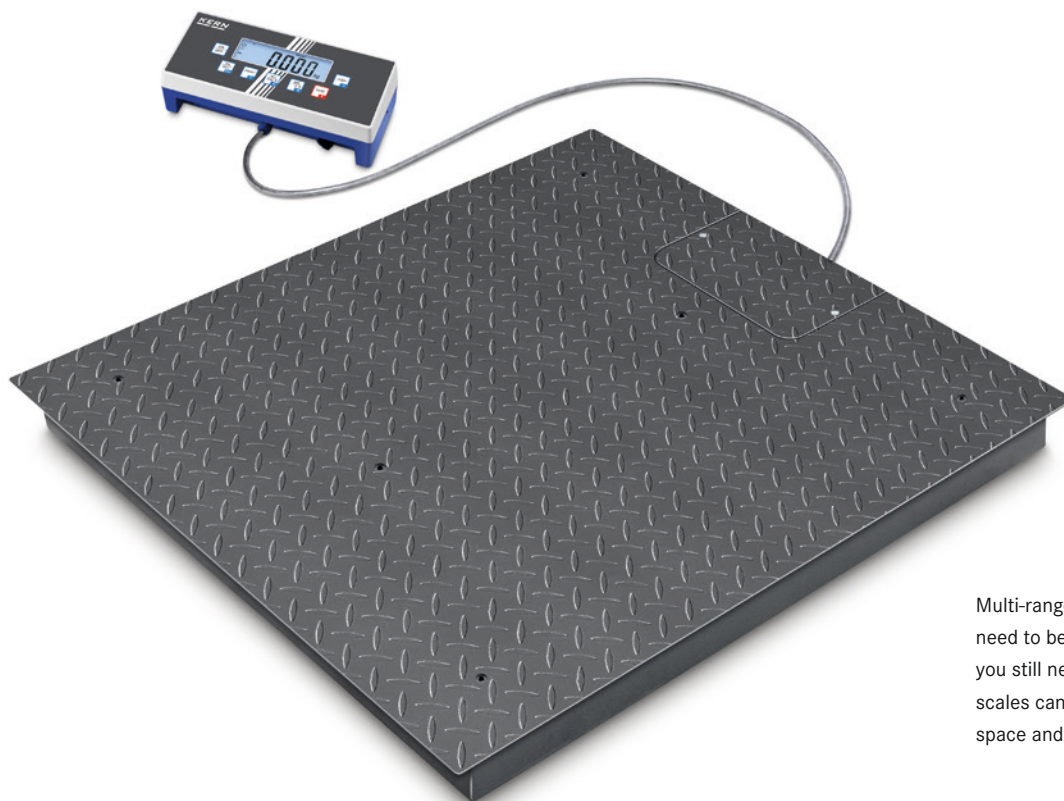
2 DAYS

OPTION

DAkKS

+3 DAYS

Model	Weighing capacity	Readability	Weighing plate	Net weight approx.	Price excl. of VAT ex works €	Options	
	[Max] kg	[d] kg		kg		DAkKS	Calibr. Certificate
KERN						KERN	€
BIC 600K-1S	300 600	0,1 0,2	A	70	920,-	963-130	205,-
BIC 600K-1	300 600	0,1 0,2	B	150	1340,-	963-130	205,-
BIC 1T-4S	600 1500	0,2 0,5	A	70	920,-	963-130	205,-
BIC 1T-4	600 1500	0,2 0,5	B	150	1300,-	963-130	205,-
BIC 3T-3	1500 3000	0,5 1	B	150	1300,-	963-132	550,-
BIC 3T-3L	1500 3000	0,5 1	C	155	1600,-	963-132	550,-



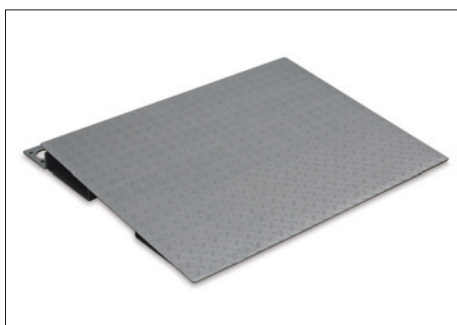
Multi-range balances, ideal, high maximum loads need to be weighed, but in the lower load range you still need high resolution. This means that two scales can be replaced with one - which saves space and money!

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

11



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



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



4 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
- 1** Display device: Plastic, protected against dust and water splashes IP65. for details see KERN KIB-TM
- 2** 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
C 1200×1500×108 mm **D** 1500×1500×108 mm
- Dimensions of display device
W×D×H 268×115×80 mm
- Cable length of display device approx. 5 m
- Permissible ambient temperature -10 °C/40 °C

Accessories

- Protective working cover, scope of delivery 5 items, KERN EOC-A01S05, **€ 55,-**
- Pair of base plates to fix the weighing bridge to the floor, KERN BIC-A07, **€ 44,-**
- 3** Ascending ramp, steel, powder-coated, for models with weighing plate size
A, B: 1000×1000×108 mm, KERN BIC-A01, **€ 395,-**
C: 1200×1000×108 mm, KERN BIC-A02, **€ 500,-**
D: 1500×1000×108 mm, KERN BIC-A03, **€ 600,-**
- 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, **€ 350,-**
B: 1288×1088×110 mm, KERN BIC-A08, **€ 410,-**
C: 1288×1588×110 mm, KERN BIC-A05, **€ 460,-**
D: 1588×1588×110 mm, KERN BIC-A06, **€ 490,-**
- Benchtop stand incl. wall mount for display device, KERN EOC-A04, **€ 33,-**

- Internal rechargeable battery pack, operating time up to 43 h without backlight, charging time approx. 3 h, KERN KFB-A01, **€ 40,-**
- USB data interface, for transferring weighing to the PC, printer etc., must be ordered at purchase, KERN KIB-A03, **€ 120,-**
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, KERN KIB-A04, **€ 110,-**
- 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, **€ 130,-**
- Ethernet data interface, to connect an IP-based Ethernet network, continuous data transfer, must be ordered at purchase, KERN KIB-A02, **€ 165,-**
- Signal lamp, including interface, for visual support of weighing with tolerance range, must be ordered at purchase, KERN KIB-A06, **€ 470,-**
- 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, **€ 164,-**
- 4** 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, **€ 164,-**

STANDARD



OPTION



FACTORY

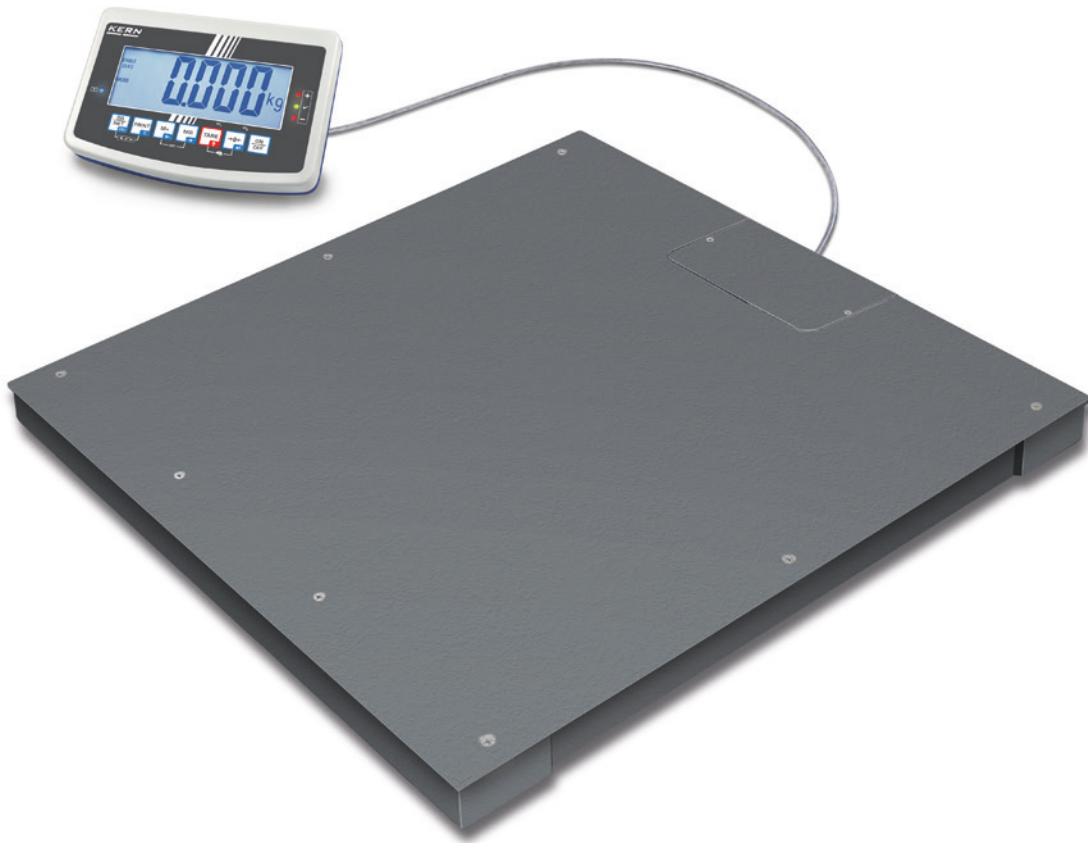


Model	Weighing capacity [Max] kg	Readability [d] kg	Verification value [e] kg	Minimal load [Min] kg	Weighing plate	Net weight approx. kg	Price excl. of VAT ex works €	Verification MUD KERN	Options DAKKS Calibr. Certificate DAKKS KERN
High-resolution versions with fine display									
BID 600K-1DS	300 600	0,05 0,1	-	-	A	70	1220,-	-	963-130 205,-
BID 600K-1D	300 600	0,05 0,1	-	-	C	150	1650,-	-	963-130 205,-
BID 1T-4DS	600 1500	0,1 0,2	-	-	A	70	1250,-	-	963-130 205,-
BID 1T-4D	600 1500	0,1 0,2	-	-	C	150	1650,-	-	963-130 205,-
BID 3T-3D	1500 3000	0,2 0,5	-	-	C	150	1650,-	-	963-132 550,-
BID 3T-3DL	1500 3000	0,2 0,5	-	-	D	155	1900,-	-	963-132 550,-
Multi-range balance, with increasing load it switches automatically to the next largest weighing range [Max] and readout [d] and when the load is fully removed, the balance switches back to the lower range									
BID 600K-1DSM	300 600	0,1 0,2	0,1 0,2	2 4	A	70	1220,-	965-230 158,-	963-130 205,-
BID 600K-1DM	300 600	0,1 0,2	0,1 0,2	2 4	C	150	1650,-	965-230 158,-	963-130 205,-
BID 1T-4DSM	600 1500	0,2 0,5	0,2 0,5	4 10	A	70	1250,-	965-230 158,-	963-130 205,-
BID 1T-4DM	600 1500	0,2 0,5	0,2 0,5	4 10	C	150	1650,-	965-230 158,-	963-130 205,-
BID 3T-3DM	1500 3000	0,5 1	0,5 1	10 20	C	150	1650,-	965-232 235,-	963-132 550,-
BID 3T-3DLM	1500 3000	0,5 1	0,5 1	10 20	D	155	1900,-	965-232 235,-	963-132 550,-
BID 600K-1SM	600	0,2	0,2	4	A	70	1220,-	965-230 158,-	963-130 205,-
BID 600K-1M	600	0,2	0,2	4	C	150	1600,-	965-230 158,-	963-130 205,-
BID 1T-4SM	1500	0,5	0,5	10	A	70	1220,-	965-230 158,-	963-130 205,-
BID 1T-4EM	1500	0,5	0,5	10	B	85	1300,-	965-230 158,-	963-130 205,-
BID 1T-4M	1500	0,5	0,5	10	C	150	1600,-	965-230 158,-	963-130 205,-
BID 1T-4LM	1500	0,5	0,5	10	D	155	1880,-	965-230 158,-	963-130 205,-
BID 3T-3M	3000	1	1	20	C	150	1600,-	965-232 235,-	963-132 550,-
BID 3T-3LM	3000	1	1	20	D	155	1880,-	965-232 235,-	963-132 550,-

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order.

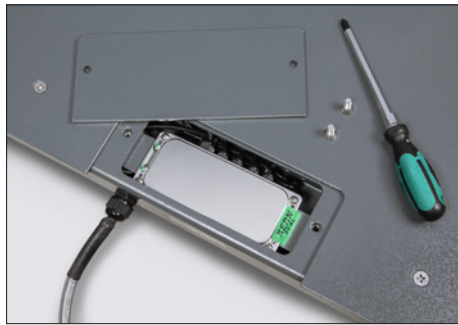
The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.

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

11



1 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, **€ 44,-**
- **3** Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07, **€ 160,-**
- Pair of base plates to fix the weighing bridge to the floor, for models with weighing plate size
 - A**, **B**, **C** KERN BFS-A06N, **€ 80,-**
 - D** KERN BFS-A10, **€ 67,-**
- **4** Ascending ramp, steel, lacquered, for models with weighing plate size
 - B**: 1250×870×95 mm, KERN BFS-A02N, **€ 450,-**
 - C**: 1500×760×85 mm, KERN BFS-A09N, **€ 590,-**
 - D**: 1500×880×122 mm, KERN BFS-A11, **€ 590,-**
- **5** Stable pit frame, steel, lacquered, for models with weighing plate size
 - A**: 1085×1085×80 mm, KERN BFS-A03N, **€ 380,-**
 - B**: 1335×1585×90 mm, KERN BFS-A04N, **€ 450,-**
 - C**: 1500×1500×100 mm, KERN BFS-A08N, **€ 500,-**
- 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, **€ 40,-**
- 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, **€ 160,-**

- Analogue module, must be ordered at purchase, not possible in combination with signal lamp or rechargeable battery pack
 - 0-10 V: KERN KFB-A04, **€ 170,-**
 - 4-20 mA: KERN KFB-A05, **€ 170,-**
- Signal lamp for visual support of weighing with tolerance range, not possible in combination with analogue module, KERN CFS-A03, **€ 310,-**
- Large display with superior display size (only in combination with Data interface KERN KFN-A01), KERN YKD-A02, **€ 310,-**
- 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, **€ 195,-**
- Further details, plenty of further accessories and suitable printers see *Accessories*

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

STANDARD



OPTION



FACTORY

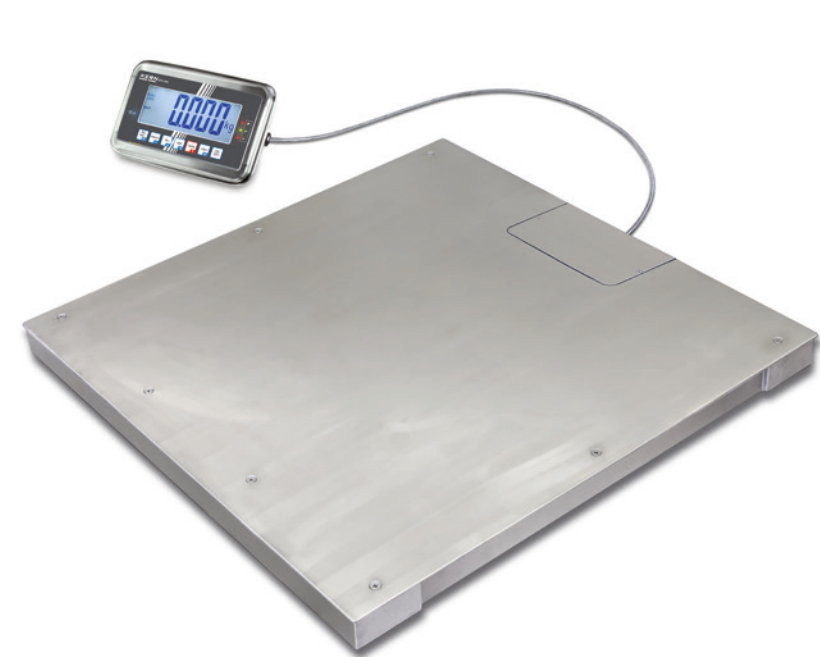


Model	Weighing capacity [Max] kg	Readability = Verification value [d] = [e] kg	Minimal load [Min] kg	Weighing plate	Net weight approx. kg	Price excl. of VAT ex works €	Verification KERN	Options DAKKS Calibr. Certificate DAKKS KERN	Certificate €
KERN									
BFB 600K-1SNM	600	0,2	4	A	105	1380,-	965-230	158,-	963-130 205,-
BFB 600K-1NM	600	0,2	4	B	140	1910,-	965-230	158,-	963-130 205,-
BFB 1T-4SNM	1500	0,5	10	A	105	1380,-	965-230	158,-	963-130 205,-
BFB 1T-4NM	1500	0,5	10	B	140	1910,-	965-230	158,-	963-130 205,-
BFB 3T-3NM	3000	1	20	B	140	1910,-	965-232	235,-	963-132 550,-
BFB 3T1LM	3000	1	20	C	155	2200,-	965-232	235,-	963-132 550,-
BFB 6T-3M	6000	2	40	D	230	2600,-	965-232	235,-	963-132 550,-

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

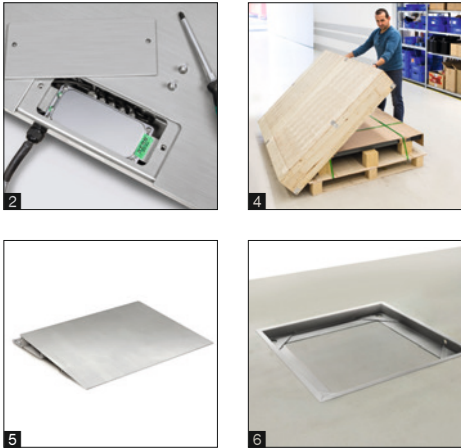
Features

- 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
- 1 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
- 2 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 delivery
- 4 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 WxDxH 1000x1000x90 mm
 - B WxDxH 1500x1250x85 mm
- Dimensions of display device WxDxH 266x165x96 mm
- Cable length of display device approx. 5 m
- Permissible ambient temperature -10 °C/40 °C



Accessories

- Pair of base plates to fix the weighing bridge to the floor, KERN BFN-A03, € 95,-
- 5 Ascending ramp, stainless steel, for models with weighing plate size
 - A 1000x750x85 mm, KERN BFN-A05, € 1250,-
 - B 1250x750x85 mm, KERN BFN-A01, € 1450,-
- 6 Stable pit frame, stainless steel, for models with weighing plate size
 - A 1085x1085x80 mm, KERN BFN-A06, € 850,-
 - B 1335x1585x80 mm, KERN BFN-A02, € 1150,-
- Data interface RS-232, interface cable included, approx. 1,5 m, must be ordered at purchase, KERN KFN-A01, € 225,-
- 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, € 160,-
- Analogue module, must be ordered at purchase, not possible in combination with RS 232 data interface
 - 0-10 V: KERN KFB-A04, € 170,-
 - 4-20 mA: KERN KFB-A05, € 170,-
- 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, € 195,-
- 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



OPTION



FACTORY



Model	Weighing capacity [Max] kg	Readability = Verification value [d] = [e] kg	Minimal load [Min] kg	Net weight approx. kg	Weighing plate	Price excl. of VAT ex works €	Verification	Options	DAkKS Calibr. Certificate
KERN									
BFN 600K-1SM	600	0,2	4	85	A	2900,-	965-230 158,-	963-130	205,-
BFN 1.5T0.5M	1500	0,5	10	120	B	3650,-	965-230 158,-	963-130	205,-
BFN 1T-4SM	1500	0,5	10	85	A	2900,-	965-230 158,-	963-130	205,-
BFN 3T-3M	3000	1	20	150	B	4100,-	965-232 235,-	963-132	550,-

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



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

Features

- Flexible solution for weighing large, bulky or long items, thanks to freely positionable weighing beams and a 5 m (!) long connecting cable between the beams
- 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
- **2** Sturdy handles for transporting the weighing beams
- **2** KERN UFA-L: Each weighing beam has a roller and handle for easy transport of the scale, see larger picture
- Display device: for details see KERN KFB-TM
- Benchtop stand incl. wall mount for display device as standard
- Totalising of weights and piece counts

- Protective working cover included with delivery
- KERN UFA-S: Model with short weighing beams, ideal for weighing compact items or animals in transport boxes
- 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
- Dimensions of display device W×D×H 250×160×65 mm
- Cable length of display device approx. 5 m
- Cable length weighing beams 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, **€ 44,-**
- **3** Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07, **€ 160,-**
- Internal rechargeable battery pack, operating time up to 35 h without backlight, charging time approx. 10 h, KERN KFB-A01, **€ 40,-**
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase. When installing the Bluetooth data interface, the RS-232 data interface can no longer be used, KERN KFB-A03, **€ 160,-**
- Analogue module, must be ordered at purchase, not possible in combination with signal lamp or rechargeable battery pack 0-10 V: KERN KFB-A04, **€ 170,-**
4-20 mA: KERN KFB-A05, **€ 170,-**
- **4** Signal lamp for visual support of weighing with tolerance range, not possible in combination with analogue module, KERN CFS-A03, **€ 310,-**
- **5** Large display with superior display size KERN YKD-A02, **€ 310,-**
- Y-cable for parallel connection of two terminal devices to the RS-232 interface on the scale, e.g. signal lamp and printer, KERN CFS-A04, **€ 38,-**
- 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, **€ 195,-**
- Further details, plenty of further accessories and suitable printers see *Accessories*

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

STANDARD



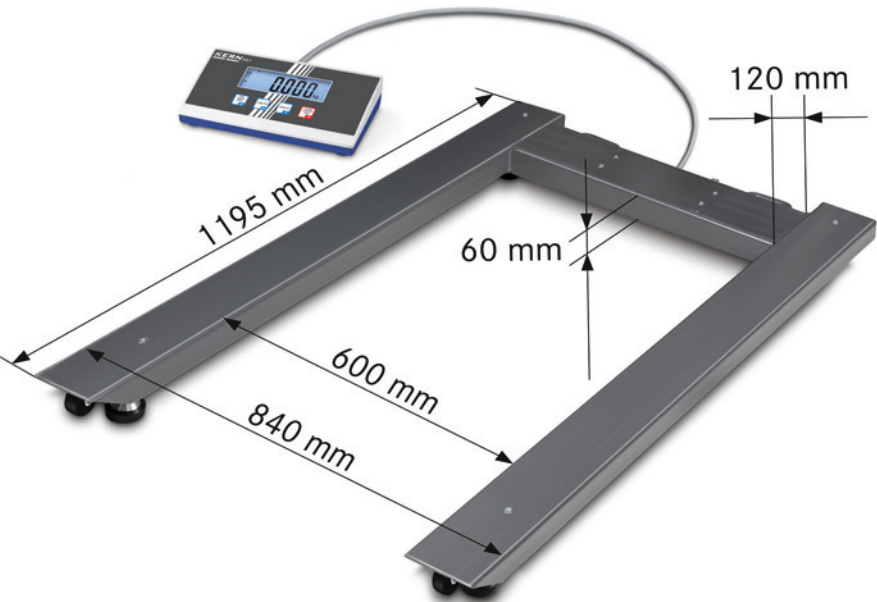
OPTION



FACTORY



Model	Weighing capacity	Readability	Dimensions Weighing beam W×D×H mm	Net weight approx.	Price excl. of VAT ex works €	Options DAkKS Calibr. Certificate	
KERN	[Max] kg	[d] kg		kg	€	DAkKS KERN	€
UFA 600K-1S	600	0,2	800×120×84	36	1140,-	963-130	205,-
UFA 1.5T0.5	1500	0,5	1270×170×85	40	1240,-	963-130	205,-
UFA 3T1	3000	1	1270×170×85	38	1240,-	963-132	550,-
UFA 3T-3L	3000	1	2000×120×90	60	1570,-	963-132	550,-
UFA 6T-3	6000	2	1200×160×115	95	1610,-	963-132	550,-
UFA 6T-3L	6000	2	2000×160×115	130	2120,-	963-132	550,-



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

Features

- High mobility: thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations
- 1 Load support: steel, powder coated, 4 silicone-coated aluminium load cells, protection against dust and water splashes IP67
- 2 The scale can be easily transported using rollers and a handle and does not require much storage space
- Protective working cover included with delivery
- 3 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
- Dimensions of display device W×D×H 235×114×51 mm
- Cable length of display device approx. 5 m
- Optional battery operation, 4×1.5 V AA not included in scope of delivery, operating time up to 60 h
- Permissible ambient temperature -10 °C/40 °C

Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERN EOB-A04BS05, € 44,-
- Stand to elevate display device, height of stand approx. 1000 mm, KERN EOB-A02B, € 110,-

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

11

STANDARD

CAL EXT

UNIT

MOVE

IP 67

BATT

MULTI

DMS

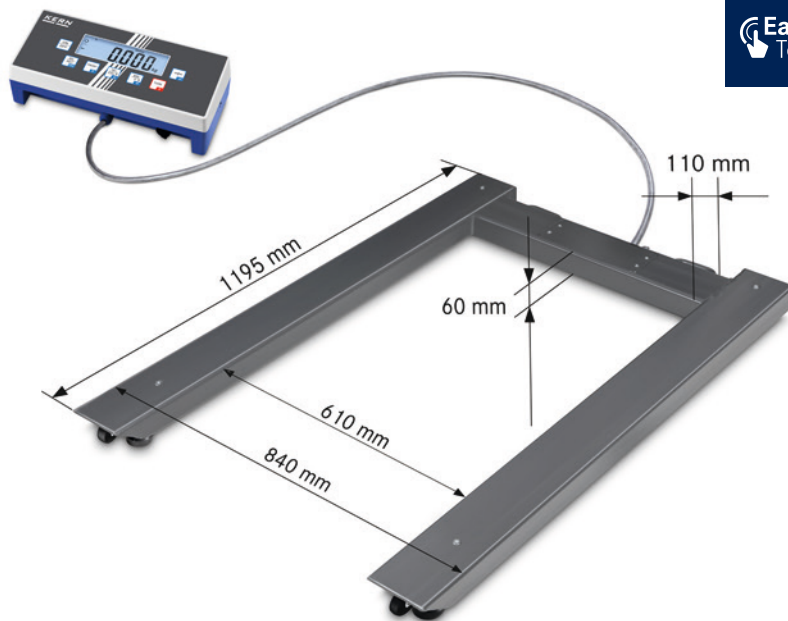
2 DAYS

OPTION

DAkKS

+3 DAYS

Model	Weighing capacity	Readability	Net weight approx.	Price excl. of VAT ex works €	Options	
					DAkKS Calibr. Certificate	
	[Max] kg	[d] kg	kg	€	DAkKS KERN	€
KERN						
UIB 1.5T-4	1500	0,5	55	990,-	963-130	205,-
UIB 600K-1	600	0,2	55	990,-	963-130	205,-
UIB 3T-3	3000	1	55	990,-	963-132	550,-



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

Features

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

- 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.
- Thanks to interfaces such as RS-232 or USB, WiFi, Bluetooth, Ethernet (optional), the scale can easily be connected to existing networks. Data exchange between the scale, PC or printer
- Protective working cover included with delivery

Technical data

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

Accessories

- Protective working cover, scope of delivery 5 items, KERN EOC-A01S05, **€ 55,-**
- Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07, **€ 160,-**
- Internal rechargeable battery pack, operating time up to 43 h without backlight, charging time approx. 3 h, KERN KFB-A01, **€ 40,-**
- USB data interface, for transferring weighing to the PC, printer etc., must be ordered at purchase, KERN KIB-A03, **€ 120,-**
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, KERN KIB-A04, **€ 110,-**
- 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, **€ 130,-**
- Ethernet data interface, to connect an IP-based Ethernet network, continuous data transfer, must be ordered at purchase, KERN KIB-A02, **€ 165,-**
- Signal lamp, including interface, for visual support of weighing with tolerance range, must be ordered at purchase, KERN KIB-A06, **€ 470,-**
- Alibi memory, including USB interface for exporting weighing results to external data storage media, such as, for example, USB sticks, hard drives, etc., must be ordered at purchase, KERN KIB-A01, **€ 175,-**
- 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, **€ 164,-**

STANDARD



OPTION



FACTORY



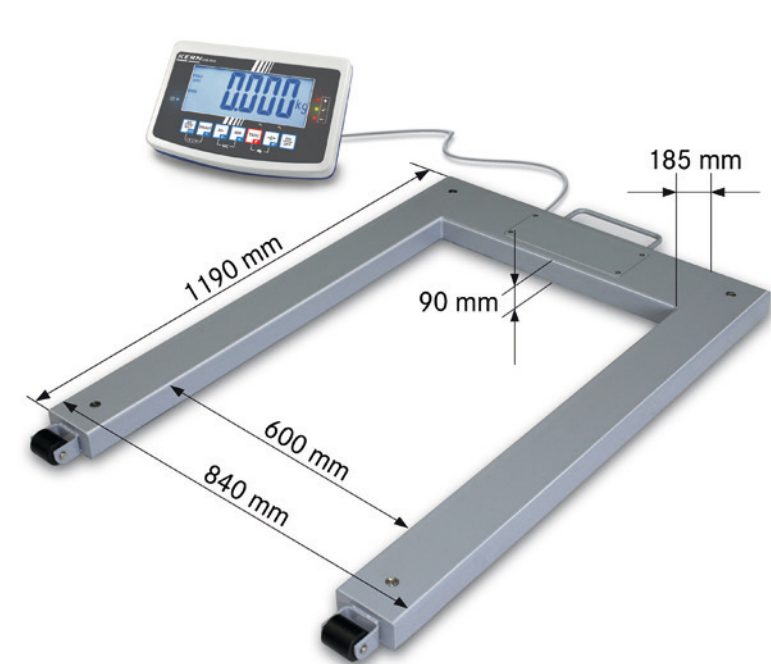
Model	Weighing capacity [Max] kg	Readability = Verification value [d] = [e] kg	Minimal load [Min] kg	Cable length of display device approx. m	Net weight approx. kg	Price excl. of VAT ex works €	Verification	Options	DAKKS Calibr. Certificate
KERN									
UID 600K-1M	600	0,2	4	5	44	1220,-	965-230 158,-	963-130	205,-
UID 1500K-1M	1500	0,5	10	5	44	1220,-	965-230 158,-	963-130	205,-
UID 3000K-0M	3000	1	20	5	44	1250,-	965-232 235,-	963-132	550,-
Multi-range balance, with increasing load it switches automatically to the next largest weighing range [Max] and readout [d] and when the load is fully removed, the balance switches back to the lower range									
UID 600K-1DM	300 600	0,1 0,2	2 4	5	44	1280,-	965-230 158,-	963-130	205,-
UID 1500K-1DM	600 1500	0,2 0,5	4 10	5	44	1260,-	965-230 158,-	963-130	205,-
UID 3000K-0DM	1500 3000	0,5 1	10 20	5	44	1260,-	965-232 235,-	963-132	550,-

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

*Only one optional interface can be installed and used



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

Features

- High mobility: thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations
- Display device: for details see KERN KERN KFB-TM
- 1 Load support: steel, powder-coated, Weighing bridge can also be delivered as component without the display device, for details see KERN KERN KFU-V20
- 4 load cells, alloy steel, silicone-coated, IP67
- Two wheels for easy transportation of the scale
- Weighing with tolerance range (checkweighing): A visual and audible signal assists the rapid checking of items on pallets
- Totalising of weights and piece counts
- Protective working cover included with delivery
- 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 backlit LCD display, digit height 52 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, € 44,-
- 3 Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07, € 160,-
- Internal rechargeable battery pack, operating time up to 35 h without backlight, charging time approx. 12 h, must be ordered at purchase, KERN KFB-A01, € 40,-
- 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, € 160,-

- Analogue module, must be ordered at purchase, not possible in combination with signal lamp or rechargeable battery pack
0-10 V: KERN KFB-A04, € 170,-
4-20 mA: KERN KFB-A05, € 170,-
- 4 Signal lamp for visual support of weighing with tolerance range, not possible in combination with analogue module, KERN CFS-A03, € 310,-
- 5 Large display with superior display size KERN YKD-A02, € 310,-
- Y-cable for parallel connection of two terminal devices to the RS-232 interface on the scale, e.g. signal lamp and printer, KERN CFS-A04, € 38,-
- 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, € 195,-
- Further details, plenty of further accessories and suitable printers see *Accessories*

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

STANDARD




OPTION

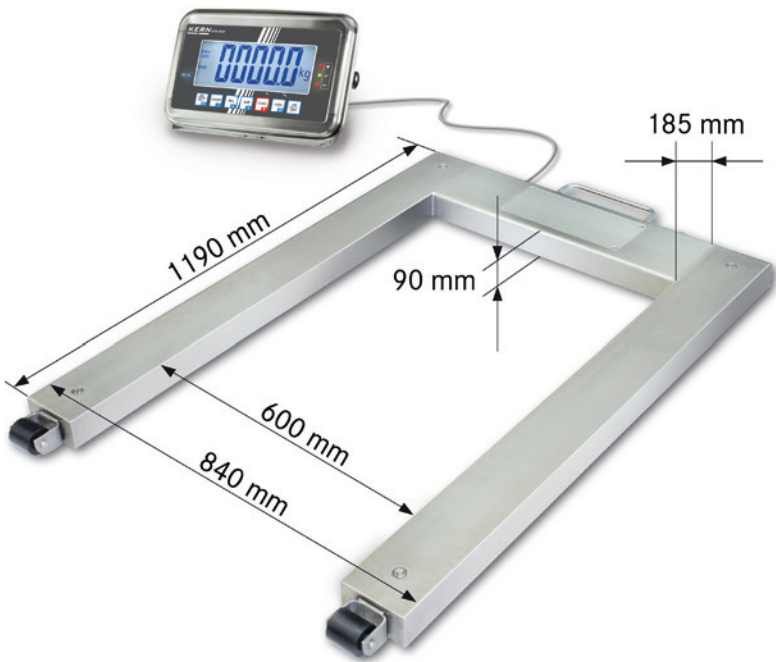


FACTORY



Model	Weighing capacity [Max] kg	Readability = Verification value [d] = [e] kg	Verification value [e] kg	Minimal load [Min] kg	Net weight approx. kg	Price excl. of VAT ex works €	Options			
							Verification  KERN	€	DAkKS Calibr. Certificate DAkKS KERN	Certificate €
UFB 600K200M	600	0,2	0,2	4	55	1250,-	965-230	158,-	963-130	205,-
UFB 1.5T0.5M	1500	0,5	0,5	10	55	1250,-	965-230	158,-	963-130	205,-

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.



Pallet scale with stainless steel load support (IP67) and stainless steel display device (IP65), verification optional

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.)
- Load support: stainless steel, Weighing bridge can also be delivered as component without the display device, for details see KERN KFU-V30
- 1 4 silicone-coated steel load cells, IP67 dust and spray protection
- Your support in a HACCP-compliant quality system
- Ideal for the increased hygienic requirements in the food industries
- 2 Display device: for details see KERN KFN-TM
- The scale can be easily transported using rollers and a handle and does not require much storage space
- Hold function: When the weighing conditions are unstable, a stable weight is calculated determining an average value
- Weighing with tolerance range (checkweighing): A visual and audible signal assists the rapid checking of items on pallets

- Summation of weight values
- 3 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
- 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

- 4 Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07, € 160,-
- Internal rechargeable battery pack, operating time up to 35 h without backlight, charging time approx. 10 h, KERN GAB-A04, € 42,-
- Data interface RS-232, interface cable included, approx. 1,5 m, must be ordered at purchase, KERN KFN-A01, € 225,-

- 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, € 160,-
- Analogue module, must be ordered at purchase 0-10 V: KERN KFB-A04, € 170,- 4-20 mA: KERN KFB-A05, € 170,-
- 5 Large display with superior display size (only in combination with RS 232 data interface including interface cable KERN KFN-A01), KERN YKD-A02, € 310,-
- 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, € 195,-
- Further details, plenty of further accessories and suitable printers see Accessories

Optionally configurable with IP68 display device on request, details see chapter 13

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

STANDARD									
CAL EXT	PROTOCOL	SUM	TOL	MOVE	IP 65	IP 67	ACCU	MULTI	DMS

OPTION									
DAkks	RS 232	BT 2.0	D/A	M					

Model	Weighing capacity	Readability = Verification value	Minimal load	Net weight approx.	Price excl. of VAT ex works €	Options			
						Verification KERN	€	DAkks Calibr. KERN	Certificate DAkks €
KERN	[Max] kg	[d] = [e] kg	[Min] kg	kg	€				
UFN 600K200IPM	600	0,2	4	55	1870,-	965-230	158,-	963-130	205,-
UFN 1.5T0.5IPM	1500	0,5	10	50	1870,-	965-230	158,-	963-130	205,-

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.



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

Features

- Drive-through scales enable accurate weighing of goods during a production process, without having to unload them. In this way the weighing process can be perfectly integrated into the workflow and there is no significant loss of time. Ideal for rapid weighing of e.g. wire cage trolleys, shelf trolleys, container trolleys, storage trolleys, sack trucks, transpallets, mobile containers, containers refuse etc.
- Low platform height and integrated access ramps on both sides facilitate access. No need for pit frame installation – which saves money
- 1 Weighing bridge: Steel, powder coated, 4 silicon-coated aluminium load cells with protection against dust and water splashes to IP67
- 2 Level indicator to level the balance precisely
- 3 The scale can be easily transported using rollers and a handle and does not require much storage space

- Wall mount for the display device, as standard, only for models without a stand
- Protective working cover included with delivery
- 4 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.

Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERN EOB-A04BS05, € 44,-
- Pair of base plates to fix the weighing bridge to the floor, KERN BIC-A07, € 44,-

Technical data

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

STANDARD

CAL EXT

UNIT

MOVE

IP 67

BATT

MULTI

DMS

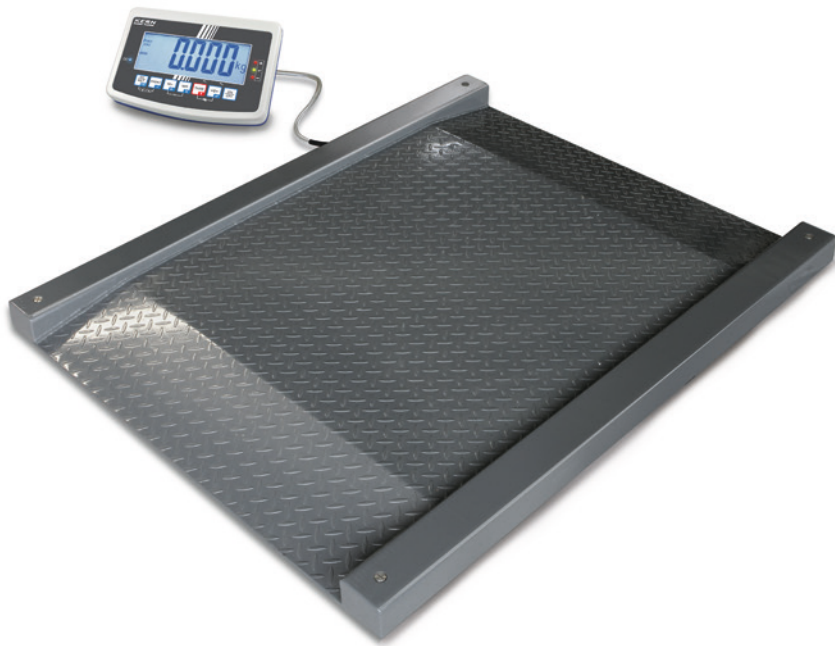
2 DAYS

OPTION

DAkKS

+3 DAYS

Model	Weighing capacity	Readability	Net weight approx.	Price excl. of VAT ex works €	Options	
					DAkKS Calibr. Certificate	
	[Max] kg	[d] kg	kg	€	DAkKS KERN	€
KERN NIB 300K-1	300	0,1	40	870,-	963-129	146,-
KERN NIB 600K-2	600	0,2	40	870,-	963-130	205,-



Drive-through scale (IP67) with XXL display device, verification optional

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.
- Low platform height and integrated access ramps on both sides facilitate access. No need for pit frame installation – which saves money
- **1** Weighing bridge: out of anti-slip corrugated steel, 4 silicone-coated steel load cells, IP67 dust and spray protection
- Display device: for details see KERN KFB-TM
- Protective working cover included with delivery
- **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 backlit LCD display, digit height 52 mm
- Weighing plate dimensions
 - A** W×D 1000×1000 mm (Without ramps)
 - B** W×D 1200×1200 mm (Without ramps)
- Overall dimensions
 - A** W×D×H 1600×1200×80 mm
 - B** W×D×H 1800×1400×80 mm
- Platform height in the drive-through area: 80 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, **€ 44,-**
- **3** Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07, **€ 160,-**

- Pair of base plates to fix the weighing bridge to the floor, KERN BFS-A06, **€ 75,-**
- 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, **€ 40,-**
- 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, **€ 160,-**
- Analogue module, must be ordered at purchase, not possible in combination with signal lamp or rechargeable battery pack
 - 0–10 V: KERN KFB-A04, **€ 170,-**
 - 4–20 mA: KERN KFB-A05, **€ 170,-**
- **4** Signal lamp for visual support of weighing with tolerance range, not possible in combination with analogue module, KERN CFS-A03, **€ 310,-**
- **5** Large display with superior display size, KERN YKD-A02, **€ 310,-**
- Y-cable for parallel connection of two terminal devices to the RS-232 interface on the scale, e.g. signal lamp and printer, KERN CFS-A04, **€ 38,-**
- 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, **€ 195,-**
- Further details, plenty of further accessories and suitable printers see *Accessories*

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

STANDARD



OPTION



FACTORY

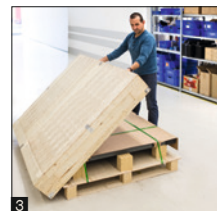


Model	Weighing capacity [Max]	Readability = Verification value [d] = [e]	Minimal load [Min]	Cable length display device approx.	Net weight approx.	Weighing plate	Price excl. of VAT ex works	Verification	Options	DAkkS	Calibr.	Certificate
KERN	kg	kg	kg	m	kg		€	KERN	€	KERN		€
NFB 600K200M	600	0,2	4	5	140	A	1850,-	965-230	158,-	963-130		205,-
NFB 600K200LM	600	0,2	4	5	165	B	2150,-	965-230	158,-	963-130		205,-
NFB 1.5T0.5M	1500	0,5	10	5	140	A	1850,-	965-230	158,-	963-130		205,-
NFB 1.5T0.5LM	1500	0,5	10	5	155	B	2150,-	965-230	158,-	963-130		205,-

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 drive-through scale (IP68) with stainless steel display device (IP65), verification optional

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 ever-increasing hygienic requirements in the food, pharmaceutical and chemical industries.
- Your support in a HACCP-compliant quality system
- **1** 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 KFD-V40

- **2** Display device: for details see KERN KFN-TM
- Totalising of weights and piece counts
- Internal rechargeable battery pack included with the delivery
- **3** 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 W×D 1000×1000 mm (Without ramps)
- Platform height in the drive-through area: 80 mm
- Overall dimensions W×D×H 1600×1200×80 mm
- Dimensions of display device W×D×H 266×165×96 mm
- Permissible ambient temperature -10 °C/40 °C

Accessories

- **4** Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07, € 160,-
- Pair of base plates to fix the weighing bridge to the floor, KERN BFN-A03, € 95,-
- Internal rechargeable battery pack, operating time up to 35 h without backlight, charging time approx. 12 h, KERN GAB-A04, € 42,-
- Data interface RS-232, interface cable included, approx. 1,5 m, must be ordered at purchase, KERN KFN-A01, € 225,-
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, not in combination with verification, not possible in combination with verification or RS 232 data interface, KERN KFB-A03, € 160,-
- Analogue module, must be ordered at purchase, not possible in combination with RS 232 data interface 0-10 V: KERN KFB-A04, € 170,- 4-20 mA: KERN KFB-A05, € 170,-
- **5** Large display with superior display size (only in combination with Data interface KERN KFN-A01), KERN YKD-A02, € 310,-
- 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, € 195,-
- For further details, plenty of further accessories and suitable printers, see *Accessories*

Optionally configurable with IP68 display device on request, details see chapter 13

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

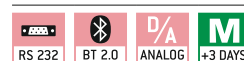
STANDARD



OPTION



FACTORY



Model	Weighing capacity [Max] kg	Readability = Verification value [d] = [e] kg	Minimal load [Min] kg	Cable length of display device approx. m	Net weight approx. kg	Price excl. of VAT ex works €	Verification KERN	Options DAKKS Calibr. Certificate
KERN							€	DAKKS KERN €
NFN 600K-1M*	600	0,2	4	5	105	3940,-	965-230 158,-	963-130 205,-
NFN 1.5T-4M*	1500	0,5	10	5	105	3910,-	965-230 158,-	963-130 205,-

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

! * ONLY WHILE STOCKS LAST

KERN & SOHN GmbH

Balances, Test Weights, Microscopes,
DAkkS Calibration Laboratory
Ziegelei 1
72336 Balingen
Germany
Tel. +49 7433 9933-0
info@kern-sohn.com
www.kern-sohn.com

The oldest Precision Balance
Factory in Germany

180 YEARS
since 1844
KERN & SOHN

Discover the multifaceted World of Balances, Microscopes and Measuring Technology
from KERN online: www.kern-sohn.com



- Full KERN & SAUTER Product Range
- Convenient 24/7 Ordering
- Selection of more than 5,000 Items across Weighing and Measuring Technology, Optical Instruments as well as Accessories and Services
- Extensive Information and useful Download Options
- Technical Product Data Sheets
- Operating Instructions
- Descriptive Image and Video Material
- Useful KERN Services
- Technical Glossary
- KERN Dealer Portal
- Practical Filter and Search Functions



Follow us on our social media
channels too



Printed in Germany by KERN & SOHN GmbH
z-cb-en-kp-20241

