

## Floor scales/Pallet scales/Drive-through scales

From Goods Inwards through to production and on to dispatch – our modern, powerful floor scales can be used everywhere and used intuitively. Through many clever functions, they will help your company to carry out processes effectively and economically in a way that saves resources, while meeting high requirements.

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

### Industrial scales for large loads

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

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

### Easy integration through digital interfaces

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

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

### The KERN calibration and verification service

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

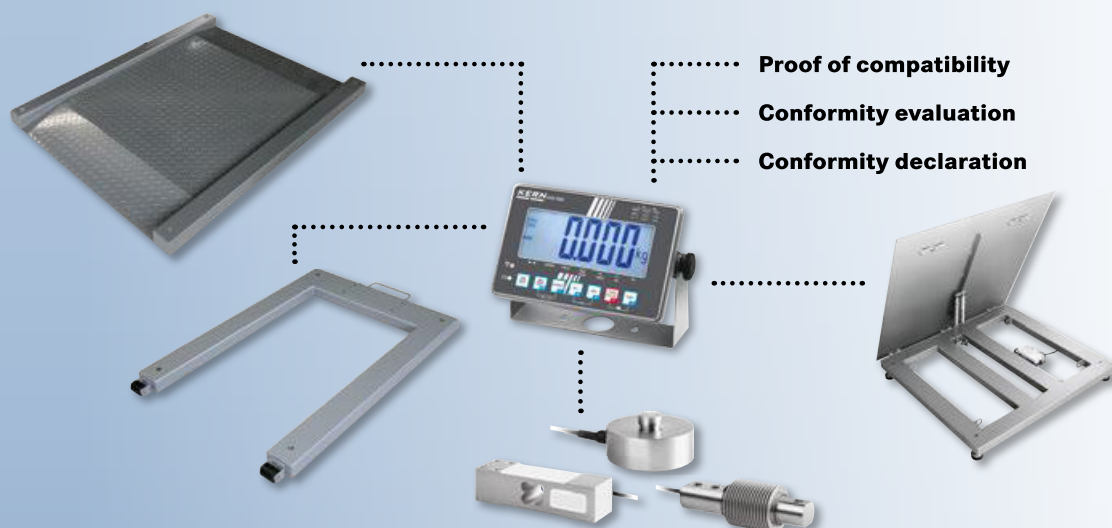
- In commercial trade when the price of a commodity is determined by weighing
- In the production of pre-packaged goods
- In the pharmaceutical industry
- For official purposes.

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












### Individual solutions for maximum efficiency

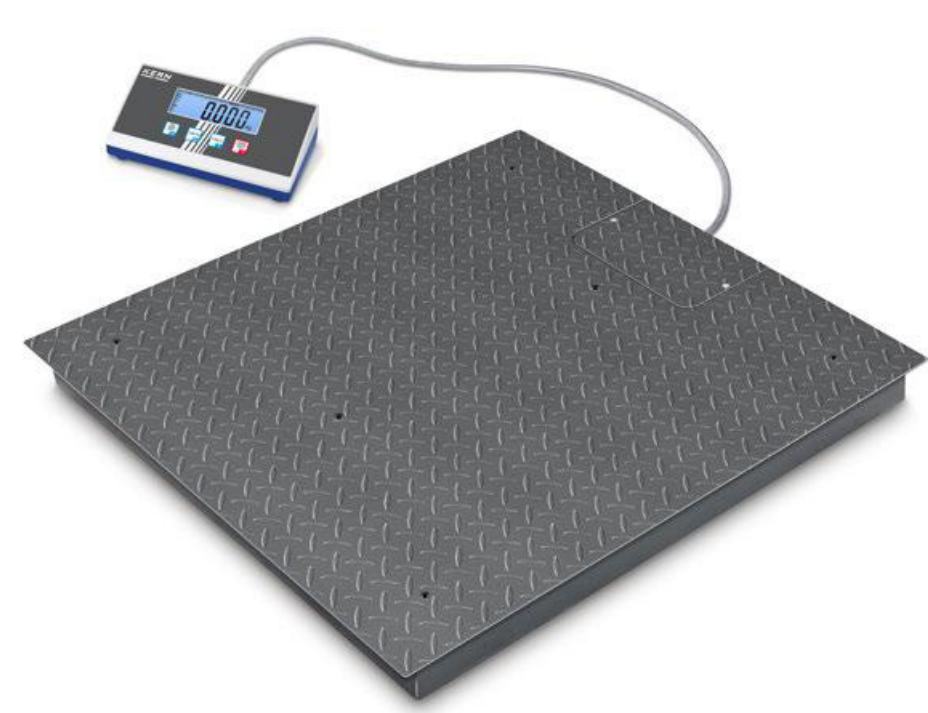
The weighing ranges of bench counting scales are often not sufficient to count large quantities, units or items on pallets. This is where high-performance counting systems come into their own, as these combine a high-precision reference scale with a high-capacity bulk scale, such as for example a floor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

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



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

| Readability<br>[d]<br>g                          | Weighing<br>capacity<br>[Max]<br>kg | Weighing plate<br>W×D×H<br>mm | Model<br><br>KERN | Price<br>excl. of VAT<br>ex works<br>€ | Page |  |  |  |  |  |  |  |  |  |  |  |
|--|-------------------------------------|-------------------------------|-------------------|--|------|---|---|--|---|---|---|---|---|---|---|---|
| For an explanation on the pictos, see front flap |                                     |                               |                   |  |      |   |   |  |   |   |   |   |   |   |   |   |
| 100  | 300                                 | 1000×1000×80                  | NIB 300K-1        | 640,-                                  | 123  | 2   |   | ●  |   |   |   |   |   |   | ●   |   |
| 100   200  | 300   600                           | 1000×1000×108                 | BIC 600K-1S       | 750,-                                  | 112  | 2   |   | ●  |   |   |   |   |   |   | ●   |   |
| 100   200  | 300   600                           | 1200×1500×108                 | BIC 600K-1        | 990,-                                  | 112  | 2   |   | ●  |   |   |   |   |   |   | ●   |   |
| 100   200  | 300   600                           | 1000×1000×108                 | BID 600K-1DSM     | 1090,-                                 | 113  | 2   | ○   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   |   |
| 100   200  | 300   600                           | 1200×1500×108                 | BID 600K-1DM      | 1320,-                                 | 113  | 2   | ○   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   |   |
| 100   200  | 300   600                           | 1195×840×110                  | UID 600K-1DM      | 960,-                                  | 120  | 2   | ○   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   | ○   |
| 200  | 600                                 | 1000×1000×108                 | BID 600K-1SM      | 1020,-                                 | 113  | 2   | ○   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   |   |
| 200  | 600                                 | 1200×1500×108                 | BID 600K-1M       | 1250,-                                 | 113  | 2   | ○   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   |   |
| 200  | 600                                 | 1000×1000×90                  | BFN 600K-1SM      | 2550,-                                 | 117  | 2   | ○   | ●  | ○   |   | ●   | ●   | ●   | ●   | ●   | ●   |
| 200  | 600                                 | 800×120×100                   | UFA 600K-1S       | 880,-                                  | 118  | 2   |   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   | ○   |
| 200  | 600                                 | 1000×1000×85                  | BFB 600K-1SNM     | 1100,-                                 | 116  | 2   | ○   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   | ○   |
| 200  | 600                                 | 1500×1250×85                  | BFB 600K-1NM      | 1490,-                                 | 116  | 2   | ○   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   | ○   |
| 200  | 600                                 | 1195×840×110                  | UIB 600K-1        | 760,-                                  | 119  | 2   |   | ●  |   |   |   |   |   |   | ●   |   |
| 200  | 600                                 | 1195×840×110                  | UID 600K-1M       | 920,-                                  | 120  | 2   | ○   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   | ○   |
| 200  | 600                                 | 1190×840×90                   | UFB 600K200M      | 950,-                                  | 121  | 2   | ○   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   | ○   |
| 200  | 600                                 | 1600×1200×80                  | NFB 600K200M      | 1450,-                                 | 124  | 2   | ○   | ●  | ●   | ○   | ●   | ●   | ●   | ●   | ●   | ○   |
| 200  | 600                                 | 1800×1400×80                  | NFB 600K200LM     | 1650,-                                 | 124  | 2   | ○   | ●  | ●   | ○   | ●   | ●   | ●   | ●   | ●   | ○   |
| 200  | 600                                 | 1600×1200×80                  | NFN 600K-1M       | 2650,-                                 | 125  | 2   | ○   | ●  | ○   |   | ●   | ●   | ●   | ●   | ●   | ○   |
| 200  | 600                                 | 1360×840×90                   | UFN 600K200IPM    | 1290,-                                 | 122  | 2   | ○   | ●  | ○   |   |   | ●   | ●   | ●   | ●   | ○   |
| 200  | 600                                 | 1000×1000×80                  | NIB 600K-2        | 640,-                                  | 123  | 2   |   | ●  |   |   |   |   |   |   | ●   |   |
| 200   500  | 600   1500                          | 1000×1000×108                 | BIC 1T-4S         | 750,-                                  | 112  | 2   |   | ●  |   |   |   |   |   |   | ●   |   |
| 200   500  | 600   1500                          | 1200×1500×108                 | BIC 1T-4          | 990,-                                  | 112  | 2   |   | ●  |   |   |   |   |   |   | ●   |   |
| 200   500  | 600   1500                          | 1000×1000×108                 | BID 1T-4DSM       | 1090,-                                 | 113  | 2   | ○   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   |   |
| 200   500  | 600   1500                          | 1200×1500×108                 | BID 1T-4DM        | 1350,-                                 | 113  | 2   | ○   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   |   |
| 200   500  | 600   1500                          | 1190×840×110                  | UID 1500K-1DM     | 960,-                                  | 120  | 2   | ○   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   | ○   |
| 500  | 1500                                | 1000×1000×108                 | BID 1T-4SM        | 1020,-                                 | 113  | 2   | ○   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   |   |
| 500  | 1500                                | 1200×1000×108                 | BID 1T-4EM        | 1120,-                                 | 113  | 2   | ○   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   |   |
| 500  | 1500                                | 1200×1500×108                 | BID 1T-4M         | 1280,-                                 | 113  | 2   | ○   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   |   |
| 500  | 1500                                | 1500×1500×108                 | BID 1T-4LM        | 1490,-                                 | 113  | 2   | ○   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   |   |
| 500  | 1500                                | 1495×1245×95                  | BFN 1.5T0.5M      | 3250,-                                 | 117  | 2   | ○   | ●  | ○   |   | ●   | ●   | ●   | ●   | ●   | ○   |
| 500  | 1500                                | 1000×1000×90                  | BFN 1T-4SM        | 2550,-                                 | 117  | 2   | ○   | ●  | ○   |   | ●   | ●   | ●   | ●   | ●   | ○   |
| 500  | 1500                                | 1200×120×100                  | UFA 1.5T0.5       | 870,-                                  | 118  | 2   |   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   | ○   |
| 500  | 1500                                | 1000×1000×100                 | BFB 1T-4SNM       | 1100,-                                 | 116  | 2   | ○   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   | ○   |
| 500  | 1500                                | 1500×1250×90                  | BFB 1T-4NM        | 1490,-                                 | 116  | 2   | ○   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   | ○   |
| 500  | 1500                                | 1195×840×110                  | UIB 1.5T-4        | 760,-                                  | 119  | 2   |   | ●  |   |   |   |   |   |   | ●   |   |
| 500  | 1500                                | 1190×840×110                  | UID 1500K-1M      | 920,-                                  | 120  | 2   | ○   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   | ○   |
| 500  | 1500                                | 1190×840×90                   | UFB 1.5T0.5M      | 950,-                                  | 121  | 2   | ○   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   | ○   |
| 500  | 1500                                | 1600×1200×80                  | NFB 1.5T0.5M      | 1370,-                                 | 124  | 2   | ○   | ●  | ●   | ○   | ●   | ●   | ●   | ●   | ●   | ○   |
| 500  | 1500                                | 1800×1400×80                  | NFB 1.5T0.5LM     | 1650,-                                 | 124  | 2   | ○   | ●  | ●   | ○   | ●   | ●   | ●   | ●   | ●   | ○   |
| 500  | 1500                                | 1600×1200×80                  | NFN 1.5T-4M       | 2850,-                                 | 125  | 2   | ○   | ●  | ○   |   | ●   | ●   | ●   | ●   | ●   | ○   |
| 500  | 1500                                | 1360×840×90                   | UFN 1.5T0.5IPM    | 1590,-                                 | 122  | 2   | ○   | ●  | ○   |   |   | ●   | ●   | ●   | ●   | ○   |
| 500   1000                                       | 1500   3000                         | 1200×1500×108                 | BIC 3T-3          | 990,-                                  | 112  | 2   |   | ●  |   |   |   |   |   |   | ●   |   |
| 500   1000                                       | 1500   3000                         | 1500×1500×108                 | BIC 3T-3L         | 1200,-                                 | 112  | 2   |   | ●  |   |   |   |   | ●   |   | ●   |   |
| 500   1000                                       | 1500   3000                         | 1200×1500×108                 | BID 3T-3DM        | 1360,-                                 | 113  | 2   | ○   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   |   |
| 500   1000                                       | 1500   3000                         | 1500×1500×108                 | BID 3T-3DLM       | 1520,-                                 | 113  | 2   | ○   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   |   |
| 500   1000                                       | 1500   3000                         | 1190×840×110                  | UID 3000K-0DM     | 960,-                                  | 120  | 2   | ○   | ●  | ●   |   | ●   | ●   |   |   | ●   | ○   |
| 1000   | 3000                                | 1200×1500×108                 | BID 3T-3M         | 1290,-                                 | 113  | 2   | ○   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   |   |
| 1000   | 3000                                | 1500×1500×108                 | BID 3T-3LM        | 1470,-                                 | 113  | 2   | ○   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   |   |
| 1000   | 3000                                | 1495×1245×95                  | BFN 3T-3M         | 3250,-                                 | 117  | 2   | ○   | ●  | ○   |   | ●   | ●   | ●   | ●   | ●   | ○   |
| 1000   | 3000                                | 1200×120×100                  | UFA 3T1           | 890,-                                  | 118  | 2   |   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   | ○   |
| 1000   | 3000                                | 2000×160×100                  | UFA 3T-3L         | 1050,-                                 | 118  | 2   |   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   | ○   |
| 1000   | 3000                                | 1500×1250×85                  | BFB 3T-3NM        | 1490,-                                 | 116  | 2   | ○   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   | ○   |
| 1000   | 3000                                | 1500×1500×80                  | BFB 3T1LM         | 1700,-                                 | 116  | 2   | ○   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   | ○   |
| 1000   | 3000                                | 1195×840×110                  | UIB 3T-3          | 760,-                                  | 119  | 2   |   | ●  |   |   |   |   |   |   | ●   |   |
| 1000   | 3000                                | 1195×840×110                  | UID 3000K-0M      | 920,-                                  | 120  | 2   | ○   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   | ○   |
| 2000   | 6000                                | 1200×160×100                  | UFA 6T-3          | 1190,-                                 | 118  | 2   |   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   | ○   |
| 2000   | 6000                                | 2000×160×100                  | UFA 6T-3L         | 1490,-                                 | 118  | 2   |   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   | ○   |
| 2000   | 6000                                | 1500×1500×130                 | BFB 6T-3M         | 1980,-                                 | 116  | 2   | ○   | ●  | ●   |   | ●   | ●   | ●   | ●   | ●   | ○   |



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 silicone-coated steel load cells, dust and spray protection 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
- A clever plug-in connector means that you can easily separate the display device and the platform, e.g. for installing the balance in a packing and dispatch bench, pit frame etc. at a later date
- 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 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
- 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, scope of delivery: 5 items, KERN EOB-A02S05, € 40,-
- Pair of base plates to fix the weighing bridge to the floor, KERN BIC-A07, € 40,-
- 2 Ascending ramp, steel, powder coated, for models with weighing plate size
  - A 1000×1000×108 mm, KERN BIC-A01, € 350,-
  - B 1200×1000×108 mm, KERN BIC-A02, € 380,-
  - C 1500×1000×108 mm, KERN BIC-A03, € 465,-
- 3 Stable pit frame, steel, for models with weighing plate size
  - A 1088×1088×110 mm, KERN BIC-A04, € 300,-
  - B 1288×1588×110 mm, KERN BIC-A05, € 335,-
  - C 1588×1588×110 mm, KERN BIC-A06, € 355,-

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STANDARD

CAL EXT

UNIT

MOVE

IP 67

BATT

MULTI

DMS

2 DAYS

OPTION

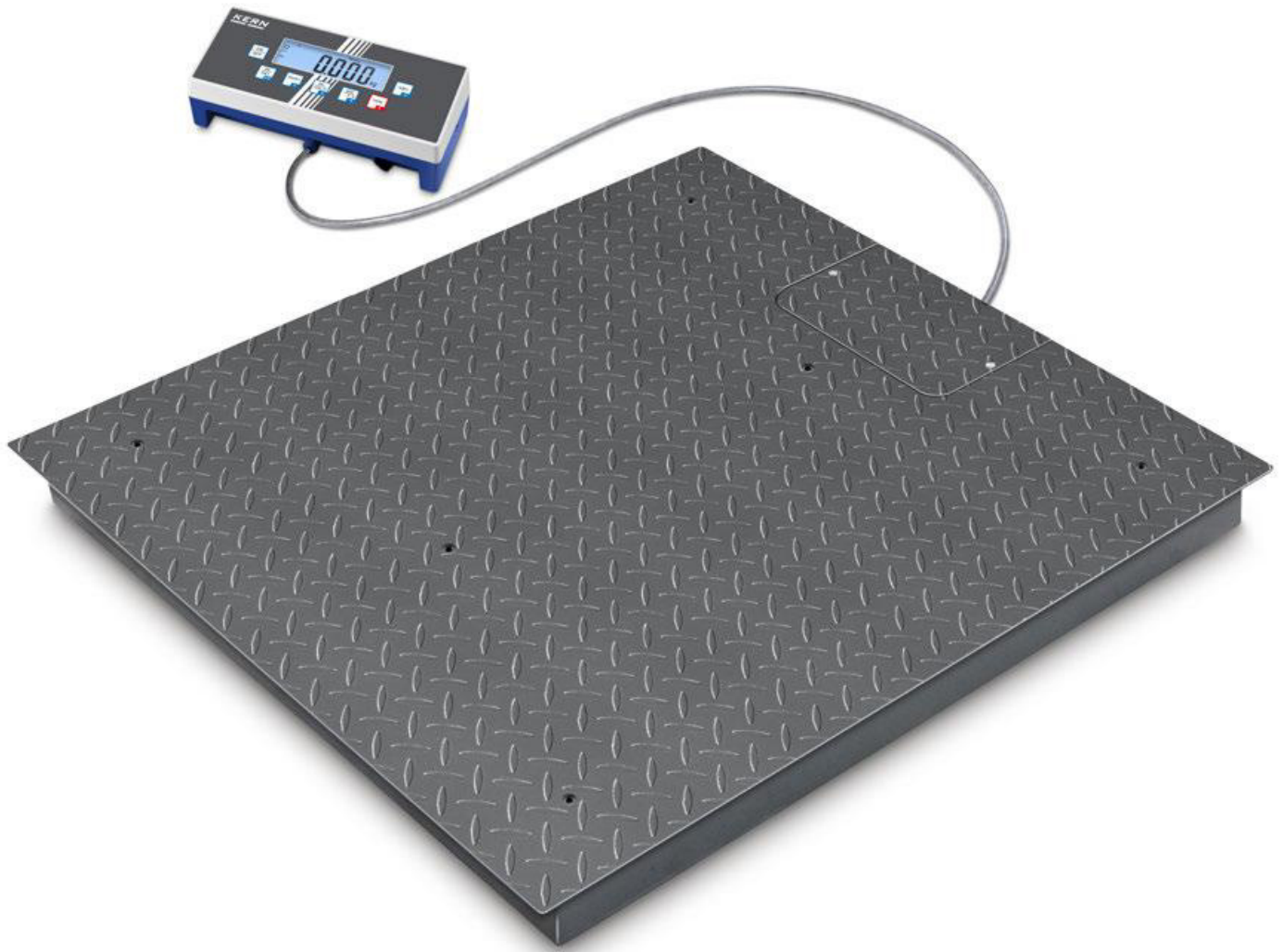
DAkKS

+3 DAYS

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

| Model   | Weighing capacity | Readability | Net weight    | Weighing plate | Price<br>excl. of VAT<br>ex works<br>€ | Option                    |       |
|---|-------------------|-------------|---------------|----------------|--|---------------------------|-------|
|   |                   |             |               |                |  | DAkkS Calibr. Certificate |       |
|   |                   |             |               |                |  | DAkkS<br>KERN             | €     |
| KERN  | [Max]<br>kg       | [d]<br>kg   | approx.<br>kg |                |  |                           |       |
| Dual-range balance switches automatically to the next largest weighing capacity [Max] and readability [d] |                   |             |               |                |  |                           |       |
| BIC 600K-1S   | 300   600         | 0,1   0,2   | 70            | A              | 750,-                                  | 963-130                   | 165,- |
| BIC 600K-1  | 300   600         | 0,1   0,2   | 150           | B              | 990,-                                  | 963-130                   | 165,- |
| BIC 1T-4S   | 600   1500        | 0,2   0,5   | 150           | A              | 750,-                                  | 963-130                   | 165,- |
| BIC 1T-4  | 600   1500        | 0,2   0,5   | 70            | B              | 990,-                                  | 963-130                   | 165,- |
| BIC 3T-3  | 1500   3000       | 0,5   1     | 150           | B              | 990,-                                  | 963-132                   | 440,- |
| BIC 3T-3L   | 1500   3000       | 0,5   1     | 150           | C              | 1200,-                                 | 963-132                   | 440,- |





Floor scale with EC type approval [M]\* and the best price-to-performance ratio – now also as high-resolution dual-range balance

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#### 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

## Features

- Dual-range floor scales, 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!
- BID 1T-4EM: Compact special size, especially for weighing europallets
- **1** 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
- **2** Display device: for details see KERN KIB-TM
- 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 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, **€ 40,-**
- Pair of base plates to fix the weighing bridge to the floor, KERN BIC-A07, **€ 40,-**
- Ascending ramp, steel, powder coated, for models with weighing plate size
  - A, B** KERN BIC-A01, **€ 350,-**
  - C** KERN BIC-A02, **€ 380,-**
  - D** KERN BIC-A03, **€ 465,-**
- Stable pit frame, Steel, powder-coated, to install the weighing bridge so you can drive straight on, for models with weighing plate size
  - A** KERN BIC-A04, **€ 300,-**
  - B** KERN BIC-A08, **€ 330,-**
  - C** KERN BIC-A05, **€ 335,-**
  - D** KERN BIC-A06, **€ 355,-**
- Benchtop stand incl. wall mount for display device, KERN EOC-A04, **€ 30,-**
- Internal rechargeable battery pack, operating time up to 43 h without backlight, charging time approx. 3 h, KERN KFB-A01, **€ 35,-**
- USB data interface, for transferring weighing to the PC, printer etc., KERN KIB-A03, **€ 120,-**
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, not possible in combination with verification, 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, **€ 120,-**
- Ethernet data interface, to connect an IP-based Ethernet network, continuous data transfer, must be ordered at purchase, KERN KIB-A02, **€ 150,-**
- Signal lamp, including interface, for visual support of weighing with tolerance range, must be ordered at purchase, KERN KIB-A06, **€ 370,-**
- Alibi memory, including USB interface for exporting weighing results to external data storage media, such as, for example, USB sticks, hard drives, etc. Not in combination with verification, KERN KIB-A01, **€ 150,-**
- 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, **€ 150,-**

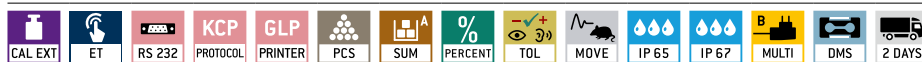
### Note:

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

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

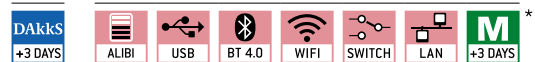
**1** Shipment via freight forwarder. Please ask for dimensions, gross weight, shipping costs

## STANDARD



## OPTION

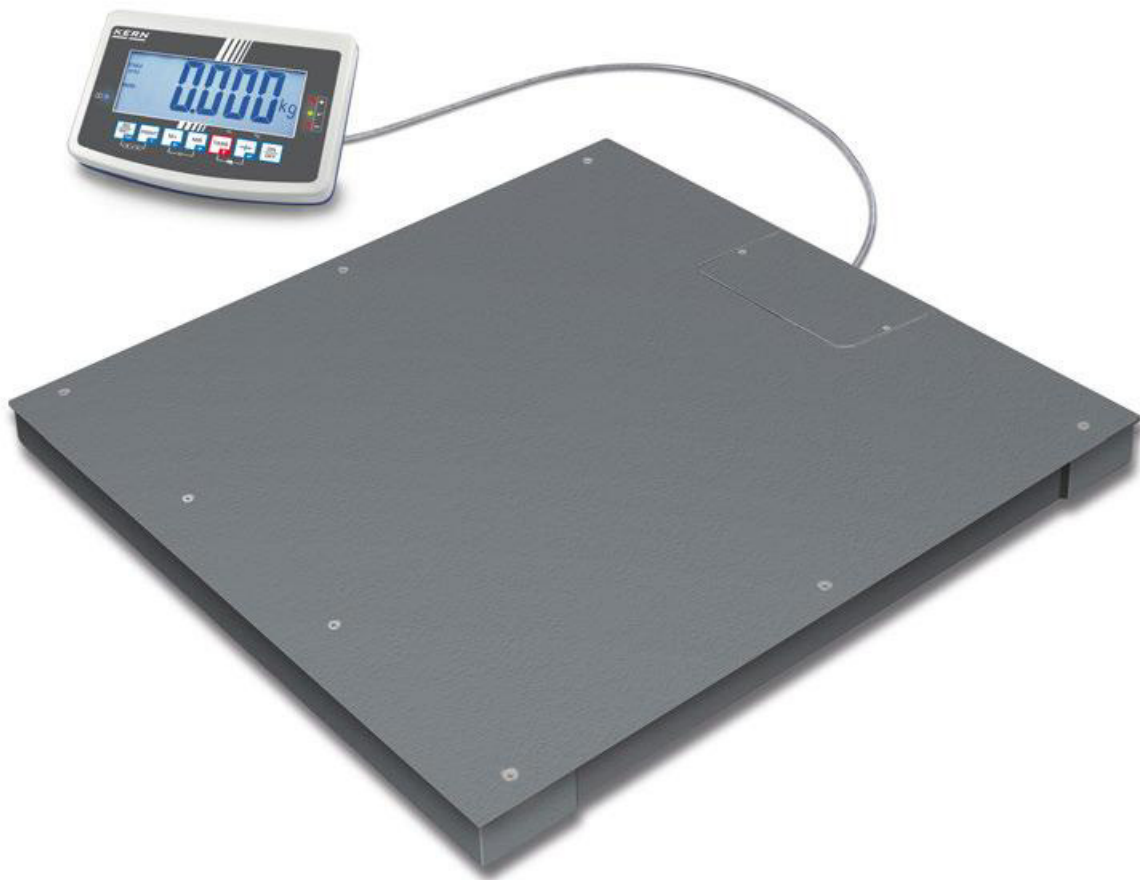
## FACTORY



| 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 € | Option       |       |                           |       |
|---|----------------------------|---|-----------------------|-----------------------|----------------|-------------------------------|--------------|-------|---------------------------|-------|
|   |                            |   |                       |                       |                |                               | Verification |       | DAkKS Calibr. Certificate |       |
| KERN  |                            |   |                       |                       |                |                               | KERN         | €     | DAkKS KERN                | €     |
| BID 600K-1SM  | 600                        | 0,2   | 4                     | 70                    | <b>A</b>       | <b>1020,-</b>                 | 965-230      | 132,- | 963-130                   | 165,- |
| BID 600K-1M   | 600                        | 0,2   | 4                     | 150                   | <b>C</b>       | <b>1250,-</b>                 | 965-230      | 132,- | 963-130                   | 165,- |
| BID 1T-4SM  | 1500                       | 0,5   | 10                    | 70                    | <b>A</b>       | <b>1020,-</b>                 | 965-230      | 132,- | 963-130                   | 165,- |
| BID 1T-4M   | 1500                       | 0,5   | 10                    | 150                   | <b>C</b>       | <b>1280,-</b>                 | 965-230      | 132,- | 963-130                   | 165,- |
| BID 1T-4EM  | 1500                       | 0,5   | 10                    | 85                    | <b>B</b>       | <b>1120,-</b>                 | 965-230      | 132,- | 963-130                   | 165,- |
| BID 1T-4LM  | 1500                       | 0,5   | 10                    | 160                   | <b>D</b>       | <b>1490,-</b>                 | 965-230      | 132,- | 963-130                   | 165,- |
| BID 3T-3M   | 3000                       | 1   | 20                    | 150                   | <b>C</b>       | <b>1290,-</b>                 | 965-232      | 200,- | 963-132                   | 440,- |
| BID 3T-3LM  | 3000                       | 1   | 20                    | 160                   | <b>D</b>       | <b>1470,-</b>                 | 965-232      | 200,- | 963-132                   | 440,- |
| Dual-range balance switches automatically to the next largest weighing capacity [Max] and readability [d] |                            |   |                       |                       |                |                               |              |       |                           |       |
| BID 600K-1DSM   | 300   600                  | 0,1   0,2                                     | 4                     | 70                    | <b>A</b>       | <b>1090,-</b>                 | 965-230      | 132,- | 963-130                   | 165,- |
| BID 600K-1DM  | 300   600                  | 0,1   0,2                                     | 4                     | 150                   | <b>C</b>       | <b>1320,-</b>                 | 965-230      | 132,- | 963-130                   | 165,- |
| BID 1T-4DSM   | 600   1500                 | 0,2   0,5                                     | 10                    | 70                    | <b>A</b>       | <b>1090,-</b>                 | 965-230      | 132,- | 963-130                   | 165,- |
| BID 1T-4DM  | 600   1500                 | 0,2   0,5                                     | 10                    | 150                   | <b>C</b>       | <b>1350,-</b>                 | 965-230      | 132,- | 963-130                   | 165,- |
| BID 3T-3DM  | 1500   3000                | 0,5   1                                       | 20                    | 150                   | <b>C</b>       | <b>1360,-</b>                 | 965-232      | 200,- | 963-132                   | 440,- |
| BID 3T-3DLM   | 1500   3000                | 0,5   1                                       | 20                    | 160                   | <b>D</b>       | <b>1520,-</b>                 | 965-232      | 200,- | 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.

\* Verification not in combination with KERN KIB-A02, KIB-A03, KIB-A04, KIB-A10



11

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



**Weighing plate can be unscrewed**

The weighing plate can be conveniently unscrewed for maintenance or cleaning purposes (weighing plate size **A**, **B**)



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

- Weighing plate **A**, **B** screwed on from the top, so it easy to remove, hygienic and easy to clean
- **1** Weighing bridge: steel, powder coated, weighing plate size **C**, **D** corrugated steel plate, welded, 4 silicone-coated steel load cells, dust and spray protection IP67
- 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 W×D×H
  - A** 1000×1000×85 mm
  - B** 1500×1250×85 mm
  - C** 1500×1500×80 mm
  - D** 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, scope of delivery: 5 items, KERN KFB-A02S05, **€ 40,-**
- **2** Stand to elevate display device Column height approx. 800 mm, 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,-**
- **3** Ascending ramp, Steel, lacquered, not included, for models with weighing plate size **A** KERN BFS-A10N, **€ 80,-**  
**B** KERN BFS-A02N, **€ 350,-**  
**C** KERN BFS-A09, **€ 410,-**  
**D** KERN BFS-A11, **€ 500,-**
- **4** Stable pit frame, steel, for models with weighing plate size **A** KERN BFS-A03N, **€ 310,-**  
**B** KERN BFS-A04N, **€ 370,-**  
**C** KERN BFS-A08, **€ 365,-**
- 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, **€ 35,-**
- 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 RS 232 data interface, KERN KFB-A03, **€ 130,-**

- Analogue module, must be ordered at purchase, not possible in combination with signal lamp  
0-10 V: KERN KFB-A04, **€ 95,-**  
4-20 mA: KERN KFB-A05, **€ 95,-**
- Signal lamp for visual support of weighing with tolerance range, not possible in combination with analogue module, 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

**1** 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 € | Option       |       |                           |       |
|----------------------|----------------------------|---|-----------------------|-----------------------|----------------|-------------------------------|--------------|-------|---------------------------|-------|
|                      |                            |   |                       |                       |                |                               | Verification |       | DAkkS Calibr. Certificate |       |
|                      |                            |   |                       |                       |                |                               | KERN         | €     | DAkkS KERN                | €     |
| <b>BFB 600K-1SNM</b> | 600                        | 0,2   | 4                     | 105                   | <b>A</b>       | <b>1100,-</b>                 | 965-230      | 132,- | 963-130                   | 165,- |
| <b>BFB 600K-1NM</b>  | 600                        | 0,2   | 4                     | 135                   | <b>B</b>       | <b>1490,-</b>                 | 965-230      | 132,- | 963-130                   | 165,- |
| <b>BFB 1T-4SNM</b>   | 1500                       | 0,5   | 10                    | 105                   | <b>A</b>       | <b>1100,-</b>                 | 965-230      | 132,- | 963-130                   | 165,- |
| <b>BFB 1T-4NM</b>    | 1500                       | 0,5   | 10                    | 105                   | <b>B</b>       | <b>1490,-</b>                 | 965-230      | 132,- | 963-130                   | 165,- |
| <b>BFB 3T-3NM</b>    | 3000                       | 1   | 20                    | 135                   | <b>B</b>       | <b>1490,-</b>                 | 965-232      | 200,- | 963-132                   | 440,- |
| <b>BFB 3T1LM</b>     | 3000                       | 1   | 20                    | 155                   | <b>C</b>       | <b>1700,-</b>                 | 965-232      | 200,- | 963-132                   | 440,- |
| <b>BFB 6T-3M</b>     | 6000                       | 2   | 40                    | 210                   | <b>D</b>       | <b>1980,-</b>                 | 965-232      | 200,- | 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 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 KFD-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, for industrial applications, hygienic and easy to clean, integrated power supply. 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

- Thanks to the RS 232, RS 485 and Bluetooth (optional) interfaces, the balance can easily be connected to existing networks. Data exchange between the balance and PC or printer is also made easier
- Totalising of weights and piece counts
- Internal rechargeable battery pack included with delivery
- 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
- Weighing plate dimensions W×D×H **A** 1000×1000×90 mm, **B** 1500×1250×95 mm
- Permissible ambient temperature -10 °C/40 °C

### Accessories

- **3** Stand to elevate display device, height of stand approx. 800 mm, KERN YKP-02, **€ 190,-**
- Pair of base plates to fix the weighing bridge to the floor, KERN BFN-A03, **€ 60,-**
- **4** Ascending ramp, stainless steel, not included, for models with weighing plate size **A** KERN BFN-A05, **€ 1090,-** **B** KERN BFN-A01, **€ 1120,-**
- **6** Stable pit frame, Stainless Steel, for models with weighing plate size **A** KERN BFN-A06, **€ 730,-** **B** KERN BFN-A02, **€ 850,-**
- Internal rechargeable battery pack, operating time up to 35 h without backlight, charging time approx. 12 h, KERN GAB-A04, **€ 40,-**
- RS 232 data interface including interface cable 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

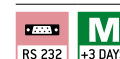
#### STANDARD



#### OPTION



#### FACTORY



| Model               | Weighing 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 € | Option        |       |                           |       |
|---------------------|----------------------------|---|-----------------------|-----------------------|----------------|-------------------------------|---------------|-------|---------------------------|-------|
|                     |                            |   |                       |                       |                |                               | Verification  |       | DAkks Calibr. Certificate |       |
| <b>KERN</b>         |                            |   |                       |                       |                |                               | <b>M</b> KERN | €     | <b>DAkks</b> KERN         | €     |
| <b>BFN 600K-1SM</b> | 600                        | 0,2   | 4                     | 100                   | <b>A</b>       | <b>2550,-</b>                 | 965-230       | 132,- | 963-130                   | 165,- |
| <b>BFN 1T-4SM</b>   | 1500                       | 0,5   | 10                    | 100                   | <b>A</b>       | <b>2550,-</b>                 | 965-230       | 132,- | 963-130                   | 165,- |
| <b>BFN 1.5T0.5M</b> | 1500                       | 0,5   | 10                    | 145                   | <b>B</b>       | <b>3250,-</b>                 | 965-230       | 132,- | 963-130                   | 165,- |
| <b>BFN 3T-3M</b>    | 3000                       | 1   | 20                    | 150                   | <b>B</b>       | <b>3250,-</b>                 | On request    |       | 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.





## 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** KERN 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
- Protective working cover included with delivery

- KERN UFA-S, new 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, scope of delivery: 5 items, KERN KFB-A02S05, **€ 40,-**
- **3** Stand to elevate display device Column height approx. 800 mm, KERN BFS-A07, **€ 120,-**
- Internal rechargeable battery pack, operating time up to 35 h without backlight, charging time approx. 10 h, KERN KFB-A01, **€ 35,-**
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, not in combination with verification, KERN KFB-A03, **€ 130,-**
- Analogue module, must be ordered at purchase, not possible in combination with signal lamp  
0-10 V: KERN KFB-A04, **€ 95,-**  
4-20 mA: KERN KFB-A05, **€ 95,-**
- **4** Signal lamp for visual support of weighing with tolerance range, not possible in combination with analogue module, 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 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

#### STANDARD



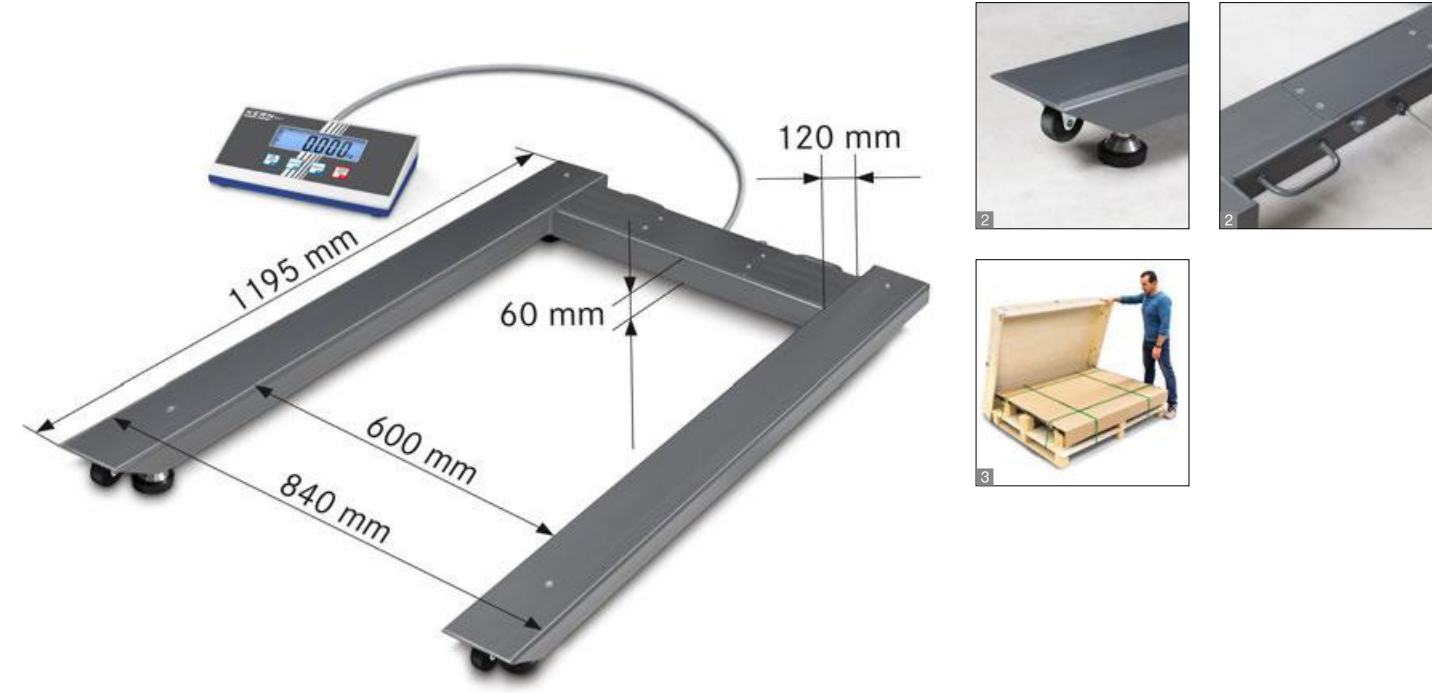
#### OPTION



#### FACTORY



| Model       | Weighing capacity<br>[Max]<br>kg | Readability<br>[d]<br>kg | Net weight<br>approx.<br>kg | Dimensions<br>Weighing beam<br>W×D×H<br>mm | Price<br>excl. of VAT<br>ex works<br>€ | Option                    |       |
|-------------|----------------------------------|--------------------------|-----------------------------|--|--|---------------------------|-------|
|             |                                  |                          |                             |  |  | DAkks Calibr. Certificate |       |
| KERN        |                                  |                          |                             |  |  | DAkks KERN                | €     |
| UFA 600K-1S | 600                              | 0,2                      | 36                          | 800×120×100                                | <b>880,-</b>                           | 963-130                   | 165,- |
| UFA 1.5T0.5 | 1500                             | 0,5                      | 38                          | 1200×120×100                               | <b>870,-</b>                           | 963-130                   | 165,- |
| UFA 3T1     | 3000                             | 1                        | 38                          | 1200×120×100                               | <b>890,-</b>                           | 963-132                   | 440,- |
| UFA 3T-3L   | 3000                             | 1                        | 60                          | 2000×160×100                               | <b>1050,-</b>                          | 963-132                   | 440,- |
| UFA 6T-3    | 6000                             | 2                        | 85                          | 1200×160×100                               | <b>1190,-</b>                          | 963-132                   | 440,- |
| UFA 6T-3L   | 6000                             | 2                        | 135                         | 2000×160×100                               | <b>1490,-</b>                          | 963-132                   | 440,- |



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
- Totalising of weights and piece counts
- 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 235×115×52 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
- Net weight approx. 55 kg
- Permissible ambient temperature -10 °C/40 °C

Accessories

- Protective working cover over the display device, scope of delivery: 5 items, KERN EOB-A04BS05, € 40,-
- Stand to elevate display device, height of stand approx. 1000 mm, can be reordered, KERN EOB-A02B, € 80,-

1 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 | Net weight    | Price<br>excl. of VAT<br>ex works<br>€ | Option        |                                |
|------------|-------------------|-------------|---------------|--|---------------|--------------------------------|
|            |                   |             |               |  | DAKKS<br>KERN | DAKKS Calibr. Certificate<br>€ |
| KERN       | [Max]<br>kg       | [d]<br>kg   | approx.<br>kg |  |               |                                |
| UIB 600K-1 | 600               | 0,2         | 55            | 760,-                                  | 963-130       | 165,-                          |
| UIB 1.5T-4 | 1500              | 0,5         | 55            | 760,-                                  | 963-130       | 165,-                          |
| UIB 3T-3   | 3000              | 1           | 55            | 760,-                                  | 963-132       | 440,-                          |



High-resolution dual-range pallet scale with EC type approval [M] and a wide range of interfaces

Features

- Dual-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 scales can be replaced with one – which saves space and money!
- High mobility thanks to battery operation for display device and platform
- Load support: steel, powder coated, 4 silicone-coated steel load cells, 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.

- Due 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
- Net weight 44 kg
- Permissible ambient temperature -10 °C/40 °C

Accessories

- Protective working cover, scope of delivery: 5 items, KERN EOC-A01S05, € 40,-
- Stand to elevate display device, height of stand approx. 800 mm, KERN BFS-A07, € 120,-
- Internal rechargeable battery pack, operating time up to 43 h without backlight, charging time approx. 3 h, KERN KFB-A01, € 35,-
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, not possible in combination with verification, 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, € 120,-
- Ethernet data interface, to connect an IP-based Ethernet network, continuous data transfer, must be ordered at purchase, KERN KIB-A02, € 150,-
- Signal lamp, including interface, for visual support of weighing with tolerance range, must be ordered at purchase, KERN KIB-A06, € 370,-
- Alibi memory, including USB interface for exporting weighing results to external data storage media, such as, for example, USB sticks, hard drives, etc., KERN KIB-A01, € 150,-
- 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, € 150,-

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

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

STANDARD

CAL EXT

RS 232

KCP PROTOCOL

GLP PRINTER

PCS

SUM

PERCENT

UNIT

TOL

MOVE

IP 67

MULTI

DMS

2 DAYS

OPTION

ACCU

DAkKS +3 DAYS

FACTORY

ALIBI

USB

BT 4.0

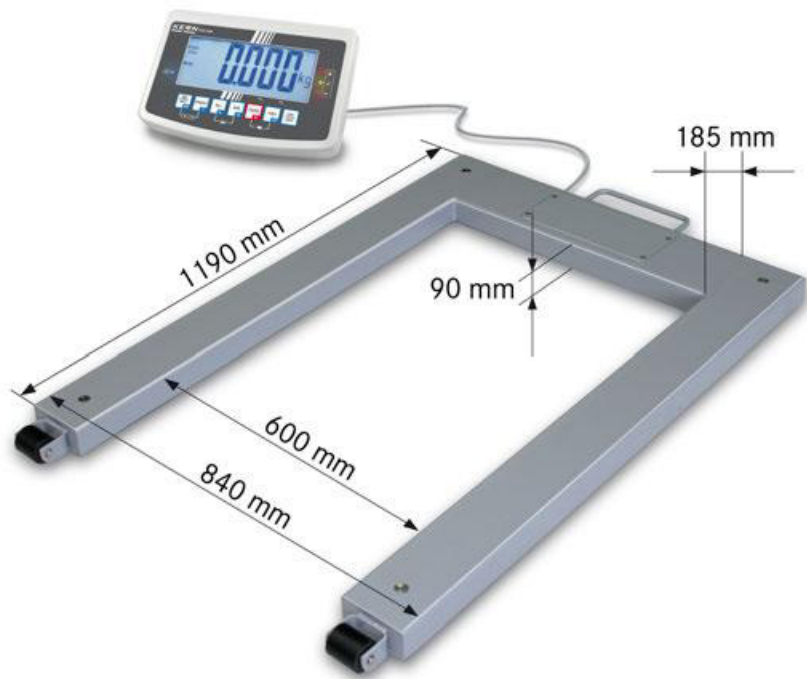
WIFI

LAN

M +3 DAYS

| Model  | Weighing capacity<br>[Max]<br>kg | Readability<br>= Verification value<br>[d] = [e]<br>kg | Price<br>excl. of VAT<br>ex works<br>€ | Option       |       |                           |       |
|--|----------------------------------|--|--|--------------|-------|---------------------------|-------|
|  |                                  |  |  | Verification |       | DAkKS Calibr. Certificate |       |
|  |                                  |  |  | KERN         | €     | DAkKS KERN                | €     |
| KERN   |                                  |  |  |              |       |                           |       |
| UID 600K-1M  | 600                              | 0,2  | 920,-                                  | 965-230      | 132,- | 963-130                   | 165,- |
| UID 1500K-1M   | 1500                             | 0,5  | 920,-                                  | 965-230      | 132,- | 963-130                   | 165,- |
| UID 3000K-0M   | 3000                             | 1  | 920,-                                  | 965-232      | 200,- | 963-132                   | 440,- |
| Dual-range balance switches automatically to the next largest weighing capacity [Max] and readability [d]  |                                  |  |  |              |       |                           |       |
| UID 600K-1DM   | 300   600                        | 0,1   0,2  | 960,-                                  | 965-230      | 132,- | 963-130                   | 165,- |
| UID 1500K-1DM  | 600   1500                       | 0,2   0,5  | 960,-                                  | 965-230      | 132,- | 963-130                   | 165,- |
| UID 3000K-0DM  | 1500   3000                      | 0,5   1  | 960,-                                  | 965-232      | 200,- | 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.<br>Verification at the factory, we need to know the full address of the location of use. |                                  |  |  |              |       |                           |       |

\* Verification not in combination with KERN KIB-A02, KIB-A03, KIB-A04, KIB-A10



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, powder coated, 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 KFU-V20
- Two wheels for easy transportation of the scale
- Weighing with tolerance range (checkweighing): A visual and audible signal assists the rapid checking of items on 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
- Net weight approx. 55 kg
- Permissible ambient temperature -10 °C/40 °C

Accessories

- Protective working cover, scope of delivery: 5 items, KERN KFB-A02S05, € 40,-
- 3 Stand to elevate display device Column height approx. 800 mm, KERN BFS-A07, € 120,-
- Internal rechargeable battery pack, operating time up to 35 h without backlight, charging time approx. 12 h, KERN KFB-A01, € 35,-
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, not in combination with verification, KERN KFB-A03, € 130,-
- Analogue module, must be ordered at purchase, not possible in combination with signal lamp 0-10 V, KERN KFB-A04, € 95,- 4-20 mA, KERN KFB-A05, € 95,-

- 4 Signal lamp for visual support of weighing with tolerance range, not possible in combination with analogue module, 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 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

CAL EXT

RS 232

KCP

GLP

PCS

SUM

UNIT

TOL

MOVE

IP 67

MULTI

DMS

2 DAYS

OPTION

DAkKS

+3 DAYS

FACTORY

BT

ANALOG

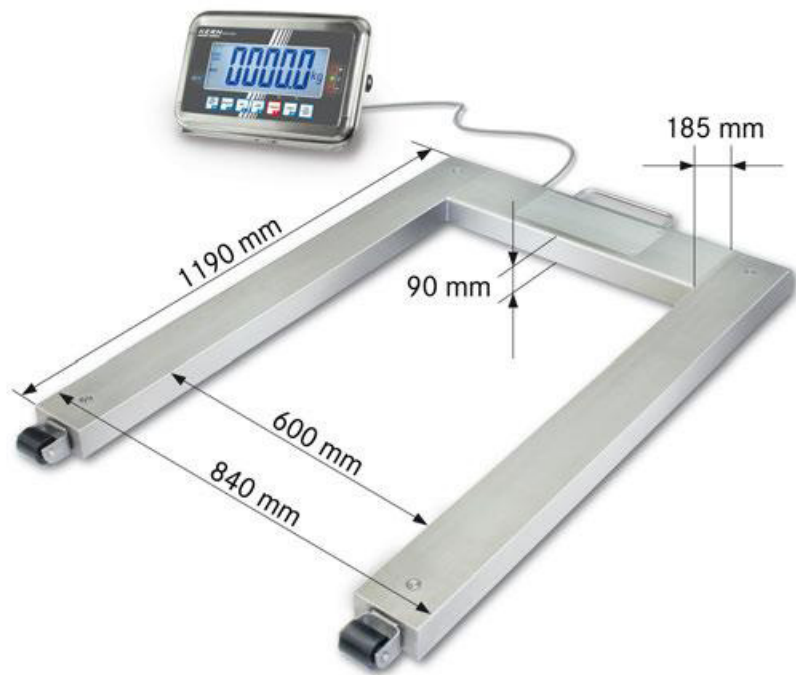
ACCU

+3 DAYS

| Model        | Weighing capacity | Readability | Minimal load | Price<br>excl. of VAT<br>ex works<br>€ | Option       |       |                           |       |
|--------------|-------------------|-------------|--------------|--|--------------|-------|---------------------------|-------|
|              |                   |             |              |  | Verification |       | DAkKS Calibr. Certificate |       |
|              |                   |             |              |  | KERN         | €     | DAkKS KERN                | €     |
| KERN         | [Max]<br>kg       | [d]<br>kg   | [Min]<br>kg  |  |              |       |                           |       |
| UFB 600K200M | 600               | 0,2         | 4            | 950,-                                  | 965-230      | 132,- | 963-130                   | 165,- |
| UFB 1.5T0.5M | 1500              | 0,5         | 10           | 950,-                                  | 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 stainless steel load support (IP67) and stainless steel display device (IP65), with 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 KFV-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
- 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
- Totalising of weights
- Internal rechargeable battery pack 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 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. 50 kg
- Permissible ambient temperature -10 °C/40 °C

Accessories

- 4 Stand to elevate display device, height of stand approx. 800 mm, KERN BFN-A04, € 285,-
- Internal rechargeable battery pack, operating time up to 35 h without backlight, charging time approx. 10 h, KERN GAB-A04, € 40,-
- RS 232 data interface including interface cable, KERN KFN-A01, € 95,-
- 5 Large display with superior display size, only in combination with data interface KFN-A01, 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

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

KCP

SUM

TOL

MOVE

IP 65

IP 67

ACCU

MULTI

DMS

2 DAYS

OPTION

DAkKS

+3 DAYS

FACTORY

RS 232

M

+3 DAYS

| Model          | Weighing capacity<br>[Max]<br>kg | Readability<br>= Verification value<br>[d] = [e]<br>kg | Minimal load<br>[Min]<br>kg | Price<br>excl. of VAT<br>ex works<br>€ | Option       |       |                           |       |
|----------------|----------------------------------|--|-----------------------------|--|--------------|-------|---------------------------|-------|
|                |                                  |  |                             |  | Verification |       | DAkKS Calibr. Certificate |       |
|                |                                  |  |                             |  | KERN         | €     | DAkKS KERN                | €     |
| KERN           |                                  |  |                             |  |              |       |                           |       |
| UFN 600K200IPM | 600                              | 0,2  | 4                           | 1290,-                                 | 965-230      | 132,- | 963-130                   | 165,- |
| UFN 1.5T0.5IPM | 1500                             | 0,5  | 10                          | 1590,-                                 | 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



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

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: Steel, powder coated, 4 silicon-coated aluminium load cells with protection against dust and water splashes to IP67
- 1 Level indicator for accurate levelling of the balance as standard
- 2 The scale can be easily transported using rollers and a handle and does not require much storage space
- Wall mount for the display device, as standard, only for models without a column
- 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

- LCD display, digit height 25 mm
- Overall dimensions W×D×H 1066×1000×80 mm
- Platform height in the drive-through area: 40 mm
- Dimensions weighing surface 800×800 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
- External mains adapter standard
- Permissible ambient temperature -10 °C/40 °C

Accessories

- Protective working cover, scope of delivery: 5 items, KERN EOB-A02S05, € 40,-
- Pair of base plates to fix the weighing bridge to the floor, KERN BIC-A07, € 40,-

STANDARD

CAL EXT

UNIT

MOVE

IP 67

BATT

MULTI

DMS

2 DAYS

1

OPTION

DAkKS

+3 DAYS

| Model      | Weighing capacity | Readability | Net weight    | Price<br>excl. of VAT<br>ex works<br>€ | Option        |                     |
|------------|-------------------|-------------|---------------|--|---------------|---------------------|
|            |                   |             |               |  | DAkKS<br>KERN | Calibr. Certificate |
|            | [Max]<br>kg       | [d]<br>kg   | approx.<br>kg |  |               | €                   |
| KERN       |                   |             |               |  |               |                     |
| NIB 300K-1 | 300               | 0,1         | 60            | 640,-                                  | 963-129       | 116,-               |
| NIB 600K-2 | 600               | 0,2         | 60            | 640,-                                  | 963-130       | 165,-               |



## 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.
- 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, dust and spray protection IP67
- Display device: for details see KERN KFB-TM
- Protective working cover included with delivery
- 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
- Overall dimensions W×D×H
  - A** 1600×1200×80 mm
  - B** 1800×1400×80 mm
- Platform height in the drive-through area: 80 mm
- Dimensions of weighing surface
  - A** W×D 1000×1000 mm
  - B** W×D 1200×1200 mm
- Dimensions of display device W×D×H 250×160×65 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 KFB-A02S05, **€ 40,-**
- **3** Stand to elevate display device Column height approx. 800 mm, KERN BFS-A07, **€ 120,-**

- Pair of base plates to fix the weighing bridge to the floor, KERN BFS-A06, **€ 70,-**
- Internal rechargeable battery pack, operating time up to 35 h without backlight, charging time approx. 10 h, KERN KFB-A01, **€ 35,-**
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, not in combination with verification, KERN KFB-A03, **€ 130,-**
- Analogue module, must be ordered at purchase, not possible in combination with signal lamp 0–10 V: KERN KFB-A04, **€ 95,-**  
4–20 mA: KERN KFB-A05, **€ 95,-**
- **4** Signal lamp for visual support of weighing with tolerance range, not possible in combination with analogue module, 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 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

**1** 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 € | Option       |       |                           |       |
|---------------|----------------------------|---|-----------------------|-----------------------|----------------|-------------------------------|--------------|-------|---------------------------|-------|
|               |                            |   |                       |                       |                |                               | Verification |       | DAkKS Calibr. Certificate |       |
| KERN          |                            |   |                       |                       |                |                               | M M KERN     | €     | DAKKS KERN                | €     |
| NFB 600K200M  | 600                        | 0,2   | 4                     | 130                   | A              | 1450,-                        | 965-230      | 132,- | 963-130                   | 165,- |
| NFB 600K200LM | 600                        | 0,2   | 4                     | 165                   | B              | 1650,-                        | 965-230      | 132,- | 963-130                   | 165,- |
| NFB 1.5T0.5M  | 1500                       | 0,5   | 10                    | 130                   | A              | 1370,-                        | 965-230      | 132,- | 963-130                   | 165,- |
| NFB 1.5T0.5LM | 1500                       | 0,5   | 10                    | 155                   | B              | 1650,-                        | 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 (IP68) with stainless steel display device (IP65), with 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
- Internal rechargeable battery pack 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 backlit LCD display, digit height 52 mm
- Overall dimensions W×D×H 1600×1200×80 mm
- Platform height in the drive-through area: 80 mm
- Dimensions weighing surface W×D 1000×1000 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. 800 mm, KERN BFN-A04, **€ 285,-**
- Pair of base plates to fix the weighing bridge to the floor, KERN BFN-A03, **€ 60,-**
- Internal rechargeable battery pack, operating time up to 35 h without backlight, charging time approx. 12 h, KERN GAB-A04, **€ 40,-**
- Data interface RS-232, interface cable included, approx. 1,5 m, must be ordered at purchase, KERN KFN-A01, **€ 95,-**
- **5** Large display with superior display size, only in combination with data interface KFN-A01, 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

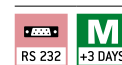
### STANDARD



### OPTION



### FACTORY



| Model              | Weighing capacity<br>[Max]<br>kg | Readability<br>= Verification value<br>[d] = [e]<br>kg | Minimal load<br>[Min]<br>kg | Net weight<br>approx.<br>kg | Price<br>excl. of VAT<br>ex works<br>€ | Option           |       |                           |       |
|--------------------|----------------------------------|--|-----------------------------|-----------------------------|--|------------------|-------|---------------------------|-------|
|                    |                                  |  |                             |                             |  | Verification     | €     | DAkKS Calibr. Certificate | €     |
| <b>KERN</b>        |                                  |  |                             |                             |  | <b>M</b><br>KERN |       | <b>DAkKS</b><br>KERN      |       |
| <b>NFN 600K-1M</b> | 600                              | 0,2  | 4                           | 130                         | <b>2650,-</b>                          | 965-230          | 132,- | 963-130                   | 165,- |
| <b>NFN 1.5T-4M</b> | 1500                             | 0,5  | 10                          | 125                         | <b>2850,-</b>                          | 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.

**↓** Price reduction