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

Technical data

- Large backlit LCD display, digit height 52 mm
- Dimensions weighing plate W×D×H:
  - A: 1000×1000×85 mm
  - B: 1500×1250×85 mm
  - C: 1500×1500×85 mm
  - D: 1500×1500×130 mm
- Dimensions of display device W×D×H:
  - A: 1000×1000×85 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
- Stand to elevate display device, height of stand approx. 800 mm, KERN BFB-A07
- Pair of base plates to fix the weighing bridge to the floor, for models with weighing plate size:
  - A, B, KERN BFB-A06N
  - KERN BFB-A10
- Ascending ramp, steel, lacquered, for models with weighing plate size:
  - KERN BFB-A01N
  - KERN BFB-A02N
  - KERN BFB-A09
  - KERN BFB-A11
- Stable pit frame, steel, lacquered, for models with weighing plate size:
  - KERN BFB-A03N
  - KERN BFB-A04N
  - KERN BFB-A08
- Rechargeable battery pack internal, operating time up to 35 h without backlight, charging time approx. 10 h, must be ordered at purchase, KERN KFB-A01
- Signal lamp for visual support of weighing with tolerance range, KERN CFS-A03
- Large display with superior display size, KERN YKD-A02
- Cable with special length 15 m, between display device and platform, for verified models which must be ordered at the time of purchase, KERN BFB-A03
- Further details, plenty of further accessories and suitable printers see Accessories

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

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

<table>
<thead>
<tr>
<th>Model</th>
<th>Weighing range [Max] kg</th>
<th>Readout = Verif. value [d] = [e] kg</th>
<th>Minimal load [Min] kg</th>
<th>Net weight approx. kg</th>
<th>Weighing plate</th>
<th>Options</th>
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<tbody>
<tr>
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<td>Verification DKK Calibration Certificate</td>
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<td>0.2</td>
<td>4</td>
<td>105</td>
<td>B</td>
<td>965-230</td>
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<tr>
<td>BFB 600K-1NM</td>
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<tr>
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<td>10</td>
<td>100</td>
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<td>BFB 1T-4NM</td>
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<td>B</td>
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</tr>
</tbody>
</table>

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
**Internal adjusting**: Quick setting up of the balance’s accuracy with internal adjusting weight (motor driven)

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

**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.

**Database supported**: Management of checking equipment and reminder service characteristics) for test weights

**DAkkS calibration**: Of balances with a maximum load of up to 50 t

**Conformity evaluation and reverification**: Of balances and test weights

**Calibration of force-measuring devices**:

**DAkkS calibration**: Of weights in the range of 1 mg – 2500 kg

**24 hours a day, 7 days a week.** Thanks to the high level of automation, we can carry out DAkkS calibration of balances, test weights and force-measuring devices 24 hours a day, 7 days a week.

**Best-equipped DAkkS calibration laboratories**: For balances, test weights and force-measuring devices in Europe.

The KERN DAkkS calibration laboratory today is one of the most modern and best-equipped DAkkS calibration laboratories for balances, test weights and force-measurement in Europe.

Thanks to the high level of automation, we can carry out DAkkS calibration of balances, test weights and force-measuring devices 24 hours a day, 7 days a week.

**Range of services**:

- DAkkS calibration of balances with a maximum load of up to 50 t
- DAkkS calibration of weights in the range of 1 mg – 2500 kg
- Volume determination and measuring of magnetic susceptibility (magnetic characteristics) for test weights
- Database supported management of checking equipment and reminder service
- Calibration of force-measuring devices
- DAkkS calibration certificates in the following languages DE, GB, FR, IT, ES, NL, PL
- Conformity evaluation and reverification of balances and test weights

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**KERN Pictograms**

**Internal adjusting**

**Adjusting program CAL**

**Memory**

**Alibi memory**

**Database supported**

**DAkkS calibration**

**Conformity evaluation and reverification**

**Calibration of force-measuring devices**

**DAkkS calibration**

**24 hours a day, 7 days a week.**

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**KERN Communication Protocol (KCP)**:

- **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
- **WLAN 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.
- **Interface for second balance**: For direct connection of a second balance
- **Network interface**: For connecting the scale to an Ethernet network
- **Wireless data transfer**: Between the weighing unit and the evaluation unit using an integrated radio module

**KERN Communication Protocol (KCP)**:

- **Protocol**

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**KERN – Precision is our business**

To ensure the high precision of your balance KERN offers you the appropriate test weight in the international OIML error limit classes E1-M3 from 1 mg - 2500 kg.

In combination with a DAkkS calibration certificate the best pre-requisite for proper balance calibration.

The KERN DAkkS calibration laboratory today is one of the most modern and best-equipped DAkkS calibration laboratories for balances, test weights and force-measurement in Europe.

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**Your KERN specialist dealer:**