STAINLESS STEEL/PROTECTION AGAINST DUST AND WATER SPLASHES IP65...68
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

Easy Touch: Suitable for the connection, data transmission and control through PC, tablet or smartphone

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. For details see page 223

Data interface RS-232: 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. Suitable for data transmission and control through PC, tablet or smartphone

WLAN data interface: To transfer data from the balance to a printer, PC or other peripherals

Control outputs: 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

Wireless data transfer: between the weighing unit and the evaluation unit using an integrated radio module

GLP/ISO log: The balance displays serial number, user ID, weight, date and time, regardless of a printer connection

GLP/ISO log: With weight, date and time. Only with KERN printers, see page 171–173

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

Recipe level C: Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display, multiplier function, adjustment of recipe when dosages are exceeded or barcode recognition

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 with tolerance range: (Checkweighing) Upper and lower limiting values are programmable individually, e.g. for sorting and dosing. The process is supported by an audible or visual signal, see the relevant model

Weighing units: Can be switched to e.g. nonmetric units at the touch of a key. See balance model. Please refer to KERN’s website for more details

Weighing with alternative range: Upper and lower limiting values 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

IP: The type of protection is shown in the pictogram. For details see page 62

Inox: Stainless steel: The balance is protected against corrosion

Load support: 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 set: Rechargeable battery pack: Rechargeable set

Universal mains adapter: with universal input and optional input socket adapters for
A) EU, GB
B) EU, CH, GB, USA
C) EU, CH, GB, USA, AUS

Mains adapter: 230V/50Hz in standard version for EU, CH. On request GB, USA or AUS version available

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

Weighing principle: Strain gauges

Weighing principle: Tuning fork

Weighing principle: Electromagnetic force compensation

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

Verification possible: The time required for verification is specified in the pictogram

DAkkS calibration possible (DKD): The time required for DAkkS 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

Universal mains adapter: A) EU, CH, GB
B) EU, CH, GB, USA
C) EU, CH, GB, USA, AUS

Mains adapter: socket adapters for

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

Weighing principle: Strain gauges

Weighing principle: Tuning fork

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

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

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

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

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

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

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- Sales & service hotline available from 8:00 am to 6:00 pm

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- Precision in weighing technology for more than 175 years

**competent**
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- Certified QM system DIN EN ISO 9001
- Authorisation for initial verification by the manufacturer 2014/31/EU
- Medical certifications DIN EN ISO 13485 and 93/42/EWG

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Fax order
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www.kern-sohn.com
Information on current product availability, product data sheets, user instructions, useful knowledge, technical glossary, images and much for you to download, practical topic areas, which will guide you to the right product in your industry as well as a clever test weight and balance search engine.
Stainless steel/Protection against dust and water splashes IP65...68

KERN scales – not scared of water at all!

Scales used in industrial situations or the food industry are often exposed to extreme stresses and strains. Water, oils, fats, varnish, dust, dirt, flour, small parts etc. are all natural enemies of a scale. In industries such as the chemical, pharmaceutical, food, manufacturing industries, etc. scales must be able to cope with these stresses without this affecting their performance.

For use in such harsh environmental conditions, levels of protection are defined, which specify which environmental stresses a system can be exposed to with respect to the level of contact, foreign object and moisture protection, without damage being caused to the unit. These levels of protection are described in the following standard: “DIN EN 60529: protection types through housing” The IP code usually consists of a two-digit combination, which gives the relevant level of protection, e.g. IP68.

The first digit specifies the protection level for contact protection and protection against foreign bodies (dust protection), the second digit is for the water and moisture protection (protection against splashes of water).

All stainless steel components of the IP65...68 protected KERN stainless steel scales are made of corrosion-resistant steel of quality class 1.4301 (DIN X5CrNi18-10). The material properties support you in your HACCP-compliant quality system.

▸ See the glossary on page 223–225

Extract from the standard: “DIN EN 60529: protection types through housing”:

<table>
<thead>
<tr>
<th>KERN-Pictogram</th>
<th>1. digit</th>
<th>Specification</th>
<th>2. digit</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="IP65" /></td>
<td>6</td>
<td>Dustproof</td>
<td>5</td>
<td>Protection against jets of water (nozzle) from any angle (cleaning with a damp cloth)</td>
</tr>
<tr>
<td><img src="image" alt="IP66" /></td>
<td>6</td>
<td>Dustproof</td>
<td>6</td>
<td>Protection against powerful jets of water</td>
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<tr>
<td><img src="image" alt="IP67" /></td>
<td>6</td>
<td>Dustproof</td>
<td>7</td>
<td>Protection against temporary immersion</td>
</tr>
<tr>
<td><img src="image" alt="IP68" /></td>
<td>6</td>
<td>Dustproof</td>
<td>8</td>
<td>Protection against continuous immersion (designed for continuous use in wet areas, submersion is possible depending on the pressure (water depth))</td>
</tr>
</tbody>
</table>

Lisa Haiß
Product specialist Stainless steel scales
Tel.  +49 7433 9933-219
Fax   +49 7433 9933-29219
lisa.haiss@kern-sohn.com

Now with innovative checkweighing display
▸ With EC-Type Approval [M]
▸ Large stainless steel-weighing plate
▸ High mobility: thanks to compact, flat construction and low weight, it is suitable for use in several locations (kitchen, cafeteria, warehouse etc.)
# Quick-Finder Stainless steel/Protection against dust and water splashes IP65...68

## Readability

<table>
<thead>
<tr>
<th>Weighing capacity [Max] kg</th>
<th>Price excl. of VAT, ex works €</th>
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</thead>
<tbody>
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<td>0,1</td>
<td>0,5 FOB 500-1S 79,-</td>
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<tr>
<td>0,1</td>
<td>0,5 FOB 0,5K-4NS 105,-</td>
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For an explanation on the pictos, see front flap

- **●** = standard
- **○** = option

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### News 2020

- **SXS 300K-2M** 1370,- 50 150 170 300
- **SXS 100K-2LM** 1370,- 10 20 30 60
- **SXS 60K-2LM** 1110,- 10 20 30 60
- **SFB 200K-2XL** 880,- 10 20 30 60
- **SFB 100K-2M** 760,- 10 20 30 60
- **SFB 100K10HIP** 730,- 10 20 30 60
- **SFB 100K-2XL** 1130,- 10 20 30 60
- **SFB 50K5HIP** 740,- 10 20 30 60
- **SFB 50K5LHIP** 740,- 10 20 30 60
- **SFB 50K-3XL** 870,- 10 20 30 60
- **SFB 30K-2M** 820,- 10 20 30 60
- **SFB 30K-2LM** 1110,- 10 20 30 60
- **SFB 200K-2XL** 930,- 10 20 30 60
- **SFB 100K-2M** 880,- 10 20 30 60
- **SFB 100K-2XL** 1150,- 10 20 30 60
- **SFB 50K-3XL** 870,- 10 20 30 60
- **SFB 30K10HIP** 730,- 10 20 30 60
- **SFB 30K-2M** 820,- 10 20 30 60
- **SFB 30K-2LM** 1110,- 10 20 30 60
- **SFB 100K-2M** 760,- 10 20 30 60
- **SFB 100K10HIP** 730,- 10 20 30 60
- **SFB 50K5HIP** 740,- 10 20 30 60
- **SFB 50K5LHIP** 740,- 10 20 30 60
- **SFB 50K-3XL** 870,- 10 20 30 60
- **SFB 30K-2M** 820,- 10 20 30 60
- **SFB 30K-2LM** 1110,- 10 20 30 60
- **SFB 200K-2XL** 930,- 10 20 30 60
- **SFB 100K-2M** 880,- 10 20 30 60
- **SFB 100K-2XL** 1150,- 10 20 30 60
- **SFB 50K-3XL** 870,- 10 20 30 60

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**For an explanation on the pictos, see front flap**
Stainless steel bench scale KERN FOB-S

Super compact stainless steel scale for weighing, checking and portioning in the smallest of spaces

**Features**

- **Stainless steel design** of the housing and weighing plate. Its smooth surfaces make it simple to clean
- **High mobility**: thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations (kitchen, sales office, cafeteria, Food industry-Laboratory etc.)
- **Secure and non-slip positioning** with rubber feet
- **Your support in a HACCP-compliant quality system**
- **Particularly flat design**
- **Protective working cover** included with delivery

**Technical data**

- Large LCD display, digit height 20 mm
- Dimensions weighing surface, stainless steel, W×D 125×155 mm
- Overall dimensions W×D×H 175×155×40 mm
- Ready for use: Battery included, 9 V-Block, operating time up to 20 h
- Net weight approx. 0,7 kg
- Permissible ambient temperature 10 °C/40 °C

**Accessories**

- **Protective working cover**, scope of delivery: 5 items, KERN FOB-A11S05, € 40,-
- **Mains adapter external**, KERN FOB-A09, € 35,-

---

**Model**

<table>
<thead>
<tr>
<th>Model</th>
<th>Weighing capacity [Max]</th>
<th>Weighing plate W×D</th>
<th>Readability [d]</th>
<th>Readable working cover</th>
<th>Price excl. of VAT ex works €</th>
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<tbody>
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<td>155×125 mm</td>
<td>0,1 g</td>
<td>963-127</td>
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<tr>
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<td>155×125 mm</td>
<td>1 g</td>
<td>963-127</td>
<td>79,-</td>
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**Dakks Calibration Certificate**

<table>
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<tr>
<th>Options</th>
<th>Dakks Calibration Certificate</th>
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<tbody>
<tr>
<td>KERN</td>
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</tr>
</tbody>
</table>

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**Stainless steel/IP65...68 protection**

![Image](image_url)
**Super compact stainless steel balance with protection type IP65 against dust and water splashes**

**Features**
- **Stainless steel design** of the housing and weighing plate. Its smooth surfaces make it simple to clean.
- **High mobility**: thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations (kitchen, sales office, cafeteria, Food industry-Laboratory etc.)
- **Secure and non-slip positioning** with rubber feet.
- **Particularly flat design**
- **Your support in a HACCP-compliant quality system**
- **Protection against dust and water splashes IP65** (only when using battery)
- **Protective working cover** included with delivery.

**Technical data**
- Large LCD display, digit height 20 mm
- Dimensions weighing surface, stainless steel, W×D 150×120 mm
- Overall dimensions W×D×H 170×150×40 mm
- Ready for use: Batteries included, 9 V-Block, operating time up to 24 hours
- Net weight approx. 0,8 kg
- Permissible ambient temperature 10 °C/35 °C

**Accessories**
- **Protective working cover**, scope of delivery: 5 items, KERN FOB-A12S05, € 40,-
- **Mains adapter external**, KERN FOB-A09, € 35,-

**Model**

<table>
<thead>
<tr>
<th>Model</th>
<th>Weighing capacity</th>
<th>Readability</th>
<th>Weighing plate</th>
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<th>Options</th>
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<td>FOB 0.5K-4NS</td>
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<td>0,1</td>
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<td>5</td>
<td>1</td>
<td>150×120</td>
<td>105,-</td>
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</tbody>
</table>
Compact stainless steel bench scale with EC type approval [M] and special checkweighing display for even more efficient working

**Features**
- **Innovative weighing with tolerance range (Checkweighing):** The colour of the display changes depending on the weight (too light/ok/too heavy) and is an aid to help with portioning, dosing and grading
- **Stainless steel design** of the housing and weighing plate. Its smooth surfaces make it simple to clean
- **High mobility:** thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations (kitchen, sales office, cafeteria, Food industry-Laboratory etc.)
- Your support in a HACCP-compliant quality system
- **Secure and non-slip positioning** with rubber feet
- **Increased protection against humidity** through waterproof silicone sealing of the load cell, electronics and soldering joints
- **Check the weighing capacity which is in use** at the press of a button (net/gross weight)
- **Protective working cover** included with delivery

**Technical data**
- Large backlit LCD display, digit height 20 mm
- Overall dimensions W×D×H 240×180×60 mm
- Net weight approx. 2.0 kg
- Permissible ambient temperature 5 °C/35 °C

**Accessories**
- **Protective working cover,** scope of delivery: 5 items, KERN FOB-A05S05, € 40,-
- **Rechargeable battery pack internal,** operating time up to 24 h without backlight, charging time approx. 8 h, KERN FOB-A07, € 45,-
- **Tare pan made of stainless steel,** ideal for weighing loose small parts, fruit, vegetables etc., W×D×H 370×240×20 mm, KERN RFS-A02, € 55,-

**STANDARD OPTION**
- [ ] DAkkS Calibr. Certificate

<table>
<thead>
<tr>
<th>Model</th>
<th>Weighing capacity [Max] kg</th>
<th>Readability [d] g</th>
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<td>FOB 6K2</td>
<td>6</td>
<td>2</td>
<td>175×165</td>
<td>180,-</td>
</tr>
</tbody>
</table>
Stainless steel bench scale with large weighing ranges and IP67 protection against dust and splash water

**Features**
- **Stainless steel design** of the housing and weighing plate. Its smooth surfaces make it simple to clean
- **Suitable for the ever-increasing hygienic requirements** in the food industry
- Your support in a HACCP-compliant quality system
- **Protection against dust and water splashes IP67** (only when using battery)
- **High mobility**: thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations (kitchen, sales office, cafeteria, Food industry-Laboratory etc.)
- **Protective working cover** included with delivery

**Technical data**
- Large backlit LCD display, digit height 25 mm, stainless steel
- Overall dimensions W×D×H 285×255×90 mm
- **Ready for use**: Batteries included, 4×1.5 V AA, operating time up to 48 h
- Net weight approx. 3.8 kg
- Permissible ambient temperature 5 °C/35 °C

**Accessories**
- **Mains adapter external**, not included, not suitable for model FOB 3K-4NL, KERN FOB-A01, € 35,-
- **Protective working cover**, scope of delivery: 5 items, KERN FOB-A13S05, € 40,-
- **Tare pan made of stainless steel**, ideal for weighing loose small parts, fruit, vegetables etc., W×D×H 370×240×20 mm, KERN RFS-A02, € 55,-

<table>
<thead>
<tr>
<th>Model</th>
<th>Weighing capacity [Max] kg</th>
<th>Readability [d] g</th>
<th>Weighing plate W×D mm</th>
<th>Price excl. of VAT ex works €</th>
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Dual-range balance switches automatically to the next largest weighing capacity [Max] and readability [d]
Compact stainless steel bench scale with EC type approval [M] and special checkweighing display for even more efficient working

**Features**

- **Innovative weighing with tolerance range (Checkweighing):** The colour of the display changes depending on the weight (too light/ok/too heavy) and is an aid to help with portioning, dosing and grading
- **Stainless steel design** of the housing and weighing plate. Its smooth surfaces make it simple to clean
- **Suitable for the ever-increasing hygienic requirements** in the food industry
- **High mobility:** thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations (kitchen, sales office, cafeteria, Food industry-Laboratory etc.)
- Your support in a HACCP-compliant quality system
- **Protection against dust and water splashes IP67** (only when using battery)
- **Secure and non-slip positioning** with rubber feet

- **Increased protection against humidity** through waterproof silicone sealing of the load cell, electronics and soldering joints
- **Check the weighing capacity which is in use** at the press of a button (net/gross weight)
- **Mains adapter included with delivery**
- **Protective working cover** included with delivery

**Technical data**

- Large backlit LCD display, digit height 25 mm
- Overall dimensions W×D×H 256×285×100 mm
- KERN FOB-LM: Optional battery operation, 4×1.5 V AA, standard, operating time up to 48 h, AUTO-OFF function to preserve the battery
- Net weight approx. 3,8 kg
- Permissible ambient temperature 5 °C/35 °C

**Accessories**

- **Protective working cover,** scope of delivery: 5 items, KERN FOB-A13S05, € 40,-
- **Mains adapter external,** KERN FOB-A01, € 35,-

**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.
IP protected bench scale KERN WTB-N · WTB-NM

Ideal for food industry, thanks to its IP65 protection and special checkweighing display, also with EC type approval [M]

**Features**

- **Suitable for the ever-increasing hygienic requirements** in the food industry
- **Your support in a HACCP-compliant quality system**
- **Protection against dust and water splashes IP65** (only when using rechargeable battery pack)
- **Very fast display**: steady weight values within 2 s
- **Second display** on the rear of the balance
- **Compact size**, practical for small spaces
- **Innovative weighing with tolerance range (Checkweighing)**: The colour of the display changes depending on the weight (too light/ok/too heavy) and is an aid to help with portioning, dosing and grading
- **High mobility**: thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations
- **Recessed grips on the underside** of the scale for easy transportation
- **Protective working cover** included with delivery

**Technical data**

- **Large backlit LCD display, digit height 25 mm**
- **Weighing plate dimensions, stainless steel, W×D 260×200 mm**
- **Overall dimensions W×D×H 285×315×128 mm**
- **Net weight approx. 3.2 kg**
- **Permissible ambient temperature -10 °C/40 °C**

**Accessories**

- **Protective working cover**, scope of delivery: 5 items, KERN RF-B-A01S05, **€ 40,-**
- **Rechargeable battery pack internal**, operating time up to 50 h without backlight, charging time approx. 12 h, KERN WTB-A01N, **€ 35,-**
- **Tare pan made of stainless steel**, ideal for weighing loose small parts, fruit, vegetables etc., W×D×H 370×240×20 mm, KERN RFS-A02, **€ 55,-**

**Model**

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**Price reduction**
All-round bench scale, protected by stainless steel and protection type IP65 also with EC type approval [M]

**Features**

- **Ideal for the increased hygienic requirements** in the food, pharmaceutical and chemical industries
- Your support in a HACCP-compliant quality system
- **Ideal for the robust industrial applications**
- **Protection against dust and water splashes IP65** (only when using rechargeable battery pack)
- **High mobility:** thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations (kitchen, sales office, cafeteria, Food industry-Laboratory etc.)
- **Stainless steel design** of the housing and weighing plate. Its smooth surfaces make it simple to clean

- **Recessed grips on the underside** of the scale for easy transportation

**Technical data**

- Large backlit LCD display, digit height 25 mm
- Dimensions weighing surface, stainless steel, W×D 230×190 mm
- Overall dimensions W×D×H 230×300×130 mm
- Rechargeable battery pack internal, operating time up to 50 h without backlight, charging time approx. 12 h
- Net weight approx. 4,0 kg
- Permissible ambient temperature KERN FFN-N: 0 °C/40 °C
  KERN FFN-NM: -10 °C/40 °C

**Features**

- **Ideal for the increased hygienic requirements** in the food, pharmaceutical and chemical industries
- Your support in a HACCP-compliant quality system
- **Ideal for the robust industrial applications**
- **Protection against dust and water splashes IP65** (only when using rechargeable battery pack)
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- Permissible ambient temperature KERN FFN-N: 0 °C/40 °C
  KERN FFN-NM: -10 °C/40 °C

**Accessories**

- **Tare pan made of stainless steel**, ideal for weighing loose small parts, fruit, vegetables etc., W×D×H 370×240×20 mm, KERN RFS-A02, € 55,-

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IP protected bench scale KERN FXN

Robust, space-saving bench scale, protected by stainless steel and IP68 rating – with EC type approval [M]

**Features**
- Suitable for the ever-increasing hygienic requirements in the food industry
- Your support in a HACCP-compliant quality system
- Ideal for the robust industrial applications protection against dust and water splashes IP68, ideal for harsh ambient conditions.
- Submersion in water actually possible
- Stainless steel design of the housing and weighing plate. Its smooth surfaces make it simple to clean
- Very fast display: steady weight values within 2 s
- High mobility: thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations (kitchen, sales office, cafeteria, Food industry-Laboratory etc.)
- Recessed grips on the underside of the scale for easy transportation
- Weighing with tolerance range (check-weighing): a visual and audible signal helps with portioning, dispensing or grading

**Technical data**
- Large backlight LCD display (FXN-M: green), digit height 25 mm
- Dimensions weighing surface, stainless steel, W×D 236×195 mm
- Overall dimensions W×D×H 240×280×120 mm
- Ready for use: Batteries included, 4×1.5 V Size D, operating time without backlight FXN-N up to 250 h, FXN-M up to 625 h, AUTO-OFF function to preserve the battery
- Net weight approx. 3.2 kg
- Permissible ambient temperature -10 °C/40 °C

**Accessories**
- Tare pan made of stainless steel, ideal for weighing loose small parts, fruit, vegetables etc., W×D×H 370×240×20 mm, KERN RFS-A02, € 55,-

**Note:** Official verification duty for commercial trade

---

**Features**

- Suitable for the ever-increasing hygienic requirements in the food industry
- Your support in a HACCP-compliant quality system
- Ideal for the robust industrial applications protection against dust and water splashes IP68, ideal for harsh ambient conditions.
- Submersion in water actually possible
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---

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**Note:** Official verification duty for commercial trade

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Verification at the factory, we need to know the full address of the location of use.

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www.kern-sohn.com · Order hotline +49 7433 9933-0 Stainless steel/IP65...68 protection 71
Stainless steel platform scale KERN SFB-H · SFB

Stainless steel platform scales with IP65/67 protection, also with XL platform or EC type approval [M]

**Features**
- Ideal for the robust industrial applications
- Platform: made entirely of stainless steel, silicone-coated stainless steel load cell, protection against dust and water splashes IP67
- Display device: stainless steel, protection against dust and water splashes IP65 (only when using rechargeable battery pack)
- SFB-H: Column, standard, for models with weighing plate size 300×240 mm: Column height approx. 200 mm
  - 400×300 mm: Column height approx. 400 mm

**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. 3 m
- Rechargeable battery pack internal, operating time up to 35 h without backlight, charging time approx. 12 h
- Permissible ambient temperature -10 °C/40 °C

**Accessories**
- Data interface RS-232, interface cable included, approx. 1.5 m, must be ordered at purchase, KERN KFN-A01, € 95,-
- Stand to be screwed onto the platform, height of stand approx. 600 mm, KERN SFB-A01, € 80,-
- Stand to elevate display device, height of stand approx. 800 mm, KERN BFS-A07, € 120,-
- Further details, plenty of further accessories and suitable printers see Accessories

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**STANDARD OPTION FACTORY**

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*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.

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*ONLY WHILE STOCKS LAST*

**Price reduction**

www.kern-sohn.com · Order hotline +49 7433 9933-0
Stainless steel platform scale KERN SXS

**Features**
- Ideal for the robust industrial applications
- Platform: made entirely of stainless steel, silicone-coated stainless steel load cell, protection against dust and water splashes IP68. Subtraction in wing design, extremely resistant to bending. Earthed weighing plate, to reduce static charge
- Display device: stainless steel, protection against dust and water splashes IP68, integrated power supply
- Suitable for the ever-increasing hygienic requirements in the food industry
- Wall mount for display device, standard
- Superior display size: digit height 55 mm, bright backlight for easy reading of weighing results, even in poor lighting conditions
- Easy-to-use KERN menu structure with printout of weighing results which can be intuitively adapted

**Technical data**
- Large backlit LCD display, digit height 55 mm
- Weighing plate dimensions, stainless steel W×D×H
  - 300×240×86 mm
  - 400×300×89 mm
  - 500×400×123 mm
  - 650×500×133,5 mm
- Dimensions of display device W×D×H 232×170×80 mm
- Cable length of display device approx. 2,5 m
- Permissible ambient temperature -10 °C/40 °C

**Rechargeable battery pack internal**, operating time up to 80 h without backlight, charging time approx. 12 h, must be ordered at purchase, Factory Option, KERN GAB-A04, € 40,-

**Data interface RS-232, RS-485** can be installed and used

**Readability**
- For models with weighing plate size
  - Height of stand approx. 200 mm, KERN IXS-A02, € 70,-
  - Height of stand approx. 400 mm, KERN IXS-A03, € 75,-
  - Height of stand approx. 600 mm, KERN IXS-A04, € 85,-

**Data interface RS-485**, must be ordered at purchase, KERN IXS-A01, € 145,-

**Foot switch**, must be ordered at purchase, KERN IXS-A03, € 130,-

**Bluetooth data interface** for wireless data transfer to PC or tablets, must be ordered at purchase, not in combination with verification, KERN IXS-A02, € 170,-

Further details, plenty of further accessories and suitable printers see **Accessories**

### Technical data

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**Accessories**
- **Stand** to elevate display device, for models with weighing plate size
- Height of stand approx. 200 mm, KERN IXS-A02, € 70,-
- Height of stand approx. 400 mm, KERN IXS-A03, € 75,-
- Height of stand approx. 600 mm, KERN IXS-A04, € 85,-

**Data interface RS-232, interface cable included**, approx. 1,5 m, must be ordered at purchase, KERN KXS-A04, € 100,-

**Data interface RS-485**, must be ordered at purchase, KERN KXS-A01, € 145,-

**Foot switch**, must be ordered at purchase, KERN KXS-A03, € 130,-

**Bluetooth data interface** for wireless data transfer to PC or tablets, must be ordered at purchase, not in combination with verification, KERN KXS-A02, € 170,-

Further details, plenty of further accessories and suitable printers see **Accessories**

**Dual-range balance switches automatically to the next largest weighing capacity [Max] and readability [d]**

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www.kern-sohn.com · Order hotline +49 7433 9933-0 Stainless steel/IP65...68 protection 73
1769
Ancestor Johann Jakob Sauter built the Hahn inclination scale out of iron, a foundation stone for weighing for the balance industry in Southern Germany.

1844
KERN is founded – precision balances are produced.

1863
A proud Gottlieb Kern with his staff.

1880
Pharmaceutical balance with Aesculap.

1923
Inflation – KERN wages are paid with self printed currency.

1980
The electronic balance ousts mechanical devices.

1994
Accredited DKD laboratory (ISO 17025).

2000
New premises in Balingen.

2002
Existing QM system certification in accordance with DIN EN ISO 9001:2000 standards.

2007
Approval for the manufacture of medical products (DIN EN 13485 and 93/42/EEC).

2009
Approval for the manufacture and sale of height rods (DIN EN 13485 and 93/42/EEC).

2012

2014
Expansion of the product range to include optical instruments (microscopes and refractometers).

2015
Inauguration of Ziegelei 2.0 with computer-controlled high-bay warehouse.

2017
Come with KERN into the digital future: Expansion of the model ranges compatible with Industry 4.0, as well as the related services.

2019
Significant anniversary year! 25 years of accredited DKD laboratory. 175 years of KERN & SOHN. 250 years of balance manufacture in the Sauter family-owned company.

2020
Construction of Ziegelei 3.0, extension of administration building.

KERN & SOHN GmbH
Balances, Test weights, Microscopes, DAkkS calibration laboratory
Ziegelei 1
72336 Balingen
Germany

Tel. +49 7433 9933-0
Fax +49 7433 9933-149

info@kern-sohn.com
www.kern-sohn.com

DQS MED
Authorisation for initial verification by the manufacturer (2009/23/EC)

construction of Ziegelei 3.0,