HANGING SCALES/CRANE SCALES

Balance manufacture in the Sauter family-owned company
**KERN Pictograms**

**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 206

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

**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

**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.

**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

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

**Protection against dust and water splashes IPxx:**
The type of protection is shown in the pictogram. For details see page 70

**Stainless steel:**
The balance is protected against corrosion

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

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

**Rechargeable battery pack:**
Rechargeable set

**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 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 tolerance range:**
(Weighing) Upper and lower limiting values are specified in the pictogram

**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

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KERN – measuring technology and testing services from a single source

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

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

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

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

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

Your advantages

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

**competent**
- DAkkS accreditation DIN EN ISO/IEC 17025
- 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

**versatile**
- One-stop shopping: from pocket balances through to 15 t crane balance – everything from one supplier
- Find the product you want at lightning speed with the “Balance Quick-Finder” at www.kern-sohn.com

**reliable**
- Up to 3 years warranty
- Precision in weighing technology for more than 175 years

---

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

**Service hotline**
+49 7433 9933-199

**Calibration hotline**
+49 7433 9933-196

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

**Online Shop**
www.kern-sohn.com

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

**Fax order**
+49 7433 9933-146

**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.
TÜV-tested safety

KERN puts great emphasis on safety. For your safety, all KERN hanging and crane scales are subject to a stringent load test in accordance with EN 13155 and (Non-fixed load lifting attachments/breakage resistance) and EN 61010-1 (Electrical safety).

New in the KERN crane scale range: Compact crane scales/load receptors/tensile dynamometers – KERN HFA and HFC.

As well as the classic crane scales, we also have electronic tensile dynamometers which are extremely versatile thanks to their stable, compact construction. They can, for example, be fitted into testing machines, used for checking for overload, for bracing and tensile force measurement, etc.

This type of device is ideally suited for use between shackles or with a test bench. This is where the benefit of this construction comes to the fore, as the tensile force can be applied in both directions. These compact crane scales are also particularly suitable when weighing suspended loads where space is tight.

At the core of this construction is a robust load cell. Through the absence of moving parts, these balances are practical in maintenance and wear free.

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

HIGHLIGHT

- Complete crane scale for lower to medium load ranges
- The massive design provides extra safety (TÜV approved)
- Large high-contrast display that is easy to read
- Shackle and the hook made of nickel-plated steel as standard

from € 195,–
### Quick-Finder Hanging scales/Crane scales

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<th>Readability [d] kg</th>
<th>Weighing capacity [Max] kg</th>
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* Price set of 5 units
● = standard
○ = option

For an explanation on the pictos, see the front flap

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Hanging scales/Crane scales

For an explanation on the pictos, see the front flap

* Price set of 5 units
● = standard
○ = option
Ultra compact, digital luggage scale for rapid weighing of items of luggage and other suspended loads

Features
• This ergonomically-optimised luggage scale is perfectly suited for rapid, accurate checking of cases, bags, sports baggage, etc. The high maximum load means that there is sufficient safety reserve and can therefore also be used for weighing other, suspended loads
• Ergonomic design for easy handling
• Robust nylon fabric tape for secure fixing of the item to be weighed
• Simple and convenient 1-key operation
• Easy to toggle between units by a keypress
• High mobility: thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations
• Automatic Hold function: When the weighing value remains unchanged the weight indicated on the display is automatically “frozen” for 12 s. This leaves sufficient time to read the weight in peace

Technical data
• Backlit LCD display, digit height 9 mm
• Ready for use: Batteries included, 3V CR2032, operating time up to 20 h, AUTO-OFF function to preserve the battery, Battery level indicator on display
• Note: The models are only delivered in a set of 5 units. i.e. the price given in the table refers to a delivery of 5 items. Cannot be delivered individually. The calibration prices given here refer to calibration of a single balance

<table>
<thead>
<tr>
<th>Model</th>
<th>Weighing capacity [Max] kg</th>
<th>Readability [d] g</th>
<th>Dimensions housing W×D×H mm</th>
<th>Net weight approx. kg</th>
<th>Delivery quantity</th>
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<td>963-128 88,-</td>
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Convenient, economical and always handy
- NEW: high-capacity XL-version

**Features**
- KERN HDB-XL: high-capacity XL-version. The larger design creates space for a large handle, which enables even better handling especially with heavier loads
- With the TÜV certification mark, the scales meet the requirements of the standard EN 13155 (Non-fixed load lifting attachments/ Breakage resistance) and EN 61010-1 (Electrical safety)
- Ideal for rapid control in goods-in and goods-out
- Also essential in the private sector to determine the weight of fish, game, fruits, bicycle parts, suitcases etc.
- **Hold function:** For easy reading of the weighing result, the display can be “frozen” in different ways. Either automatically when the weighing value remains unchanged or manually by pressing the Hold key.
- **Hook, steel,** can be hinged (HDB-N, HDB-XL)
- **Peak load display** (peak hold)

**Technical data**

**HDB-N/HDB-XL**
- LCD display, digit height 12 mm
- **Ready for use:** Batteries included, 2×1.5 V AAA, operating time up to 180 h
- Further weighing units: kg, lb, N
- Permissible ambient temperature 5 °C/35 °C

**CH**
- LCD display, digit height 11 mm
- **Tape measure,** extractable, length approx. 100 cm
- **Hold function:** For easy reading of the weighing result, the display can be “frozen” in different ways. Either automatically when the weighing value remains unchanged or manually by pressing the Hold key.
- **Hook, steel,** can be hinged (HDB-N, HDB-XL)
- **Peak load display** (peak hold)

**Accessories**
- **Tare pan with pan beam,** details see Accessories, KERN CH-A01N, € 70,-

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### Model Details

<table>
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<tr>
<th>Model</th>
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<th>Readability</th>
<th>Dimensions housing</th>
<th>Net weight approx.</th>
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**Price reduction**

www.kern-sohn.com · Order hotline +49 7433 9933-0
The handy scales for higher loads up to 1 t

Features
- With the TÜV certification mark, the scales meet the requirements of the standard EN 13155 (Non-fixed load lifting attachments/Breakage resistance) and EN 61010-1 (Electrical safety)
- Ideal for rapid control in goods-in and goods-out
- Also essential in the private sector to determine the weight of fish, game, fruits, bicycle parts, suitcases etc.
- Hold function: For easy reading of the weighing result, the display can be “frozen” in different ways. Either automatically when the weighing value remains unchanged or manually by pressing the Hold key.
- Peak load display (peak hold), Measuring frequency 5 Hz

Technical data
- LCD display, digit height 12 mm
- Hole diameter of load support, model with [Max] ≤ 200 kg: approx. 14 mm
- Hole diameter of load support, model with [Max] > 200 kg: approx. 16 mm

HCN
- Ready for use: Batteries included, 3×1.5 V AA, operating time up to 300 h
- [Max] ≥ 0,5 t: Reinforced version for heavy loads. Snap link and Hook not included
- Housing stainless steel, IP65-protected against dust and water splashes
- Second display on the rear of the balance
- Ready for use: Batteries included, 2×1.5 V AA, operating time up to 200 h

Accessories
- Accessories for models with [Max] ≤ 20 kg
  - Tare pan with pan beam, details see Accessories, KERN CH-A01N, € 70,-
- Accessories for models with [Max] ≥ 100 kg
  - Hook with safety catch, cast steel, galvanised and lacquered, revolving. Scope of delivery: 2 shackles, 1 lacquered screw bolt, 1 hook, KERN YHA-06, € 125,-
- Accessories for models with [Max] ≤ 200 kg
  - Snap link (stainless steel) with safety catch, standard, opening approx. 15 mm. Can be reordered, KERN HCB-A01, € 30,-
  - Hook (stainless steel), standard, opening approx. 25 mm. Can be reordered, KERN HCB-A02, € 30,-
- Accessories for models with [Max] ≥ 0,5 t
  - High-strength shackle, hot-dipped galvanised cast steel bracket, bow shaped. Scope of delivery: 2 shackles with lacquered screw bolts, suitable for models KERN HCB with [Max] ≥ 0,5 t, KERN YSC-03, € 50,-

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Stainless steel

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Price reduction
High-resolution hanging scale for loads up to 300 kg

**Features**

- **NEW: Fully-equipped crane scale** for low to medium load ranges. The solid design guarantees that extra level of safety (TÜV tested). Thanks to the large LCD display and the remote control which is delivered as standard, it can also be operated safely from a distance and results can be read off.
- With the **TÜV certification mark**, the scale meets the requirements of the standard EN 13155 (Non-fixed load lifting attachments/ Breakage resistance) and EN 61010-1 (Electrical safety).
- **High mobility**: thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations (production, warehouse, dispatch department etc.)
- **Hold function**: When the weighing value remains unchanged the weight indicated on the display is automatically “frozen” until the Hold key is pressed.
- **Tare**: Resets the display to “0” when there is a load on the scale. Now removed or added loads are directly displayed.
- Batterie charge status indication visualised through LED.
- Large high-contrast display that is easy to read.
- Standby function: display automatically switched off after 5 min without a change of load. Automatic activation with the touch of a key.
- **Hook with safety catch**, revolving.
- Shackles and safety catch made of nickel-plated steel.
- **Infrared remote control** standard. Range up to 20 m. All functions can be selected.
- **Battery charge status indication visualised through LED**.
- Large high-contrast display that is easy to read.
- **Standby function**: display automatically switched off after 5 min without a change of load. Automatic activation with the touch of a key.
- **Tare**: Resets the display to “0” when there is a load on the scale. Now removed or added loads are directly displayed.
- Batterie charge status indication visualised through LED.
- Large high-contrast display that is easy to read.
- Standby function: display automatically switched off after 5 min without a change of load. Automatic activation with the touch of a key.
- **Hook with safety catch**, revolving.
- Shackles and safety catch made of nickel-plated steel.
- **Infrared remote control** standard. Range up to 20 m. All functions can be selected.
- **Battery charge status indication visualised through LED**.
- Large high-contrast display that is easy to read.
- **Standby function**: display automatically switched off after 5 min without a change of load. Automatic activation with the touch of a key.

**Technical data**

- LCD display, digit height 28 mm.
- Batteries included, 4×1.5 V AA, operating time up to 100 h.
- Precision: 0,2 % of [Max]
- Permissible ambient temperature 5 °C/35 °C

<table>
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<tr>
<th>Model</th>
<th>Weighing capacity [Max] kg</th>
<th>Readability [d] g</th>
<th>Net weight approx. kg</th>
<th>A mm</th>
<th>B mm</th>
<th>C mm</th>
<th>D mm</th>
<th>E mm</th>
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<td>276,5</td>
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<td>26</td>
<td>23,5</td>
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</table>

Dual-range balance switches automatically to the next largest weighing capacity [Max] and readability [d].
Compact crane scale with integrated display can also be used for tensile force measurement

**Features**

- With the TÜV certification mark, the scale meets the requirements of the standard EN 13155 (Non-fixed load lifting attachments/ Breakage resistance) and EN 61010-1 (Electrical safety)
- With its high-quality finish, low weight and compact dimensions, this crane scale (tensile force gauge) is an essential device for industrial use, on building sites, in freight centres, ports etc.
- Because of its compact design it is also ideally suited for installation in systems where space is limited, etc.
- Ideally suited for determining weight quickly while loading and unloading
- Peak load display (peak hold)
- Hold function: For easy reading of the weighing result, the display can be "frozen" in different ways. Either automatically when the weighing value remains unchanged or manually by pressing the Hold key

- **Tare:** Resets the display to "0" when there is a load on the scale. Now removed or added loads are directly displayed

**Technical data**

- Large backlit LCD display, digit height 23 mm
- Material and design of housing/load support, models with [Max] ≤ 3 t: aluminium/stainless steel bearing [Max] > 3 t: steel/steel
- Rechargeable battery pack internal, operating time up to 30 h without backlight, charging time approx. 12 h
- Optional battery operation, 3×1.5 V AA not included, operating time up to 40 h
- Precision: 0.2 % of [Max]
- Measuring frequency 60 Hz
- Further weighing units: kg, lb, N
- Permissible ambient temperature 5 °C/35 °C

**Accessories**

- **High-strength shackle,** hot-dipped galvanised cast steel bracket, bow shaped. Scope of delivery: 2 shackles with lacquered screw bolts, suitable for models with [Max] ≤ 5 t: KERN YSC-01, € 100,- [Max] > 5 t: KERN YSC-02, € 210,-
Compact crane scale for use in harsh environmental conditions or where space is limited, with convenient hand-held terminal

**Features**
- With the TÜV certification mark, the scale meets the requirements of the standard EN 13155 (Non-fixed load lifting attachments/ Breakage resistance) and EN 61010-1 (Electrical safety)
- With its high-quality finish, low weight and compact dimensions, this crane scale (tensile force gauge) is an essential device for industrial use, on building sites, in freight centres, ports etc.
- Because of its compact design it is also ideally suited for installation in systems where space is limited, etc.
- **Peak load display** (peak hold)
- **Hold function**: When the weighing value remains unchanged the weight indicated on the display is automatically "frozen" until the Hold key is pressed
- **Tare**: Resets the display to "0" when there is a load on the scale. Now removed or added loads are directly displayed
- Display device with integrated radio module, which the user can carry around with him, thanks to the convenient hand strap, standard. In this way the weighing data can always be read off the display device by the user, even when the user is a long way from the load receptor (force gauge) or under poor lighting conditions.
- Range up to 100 m, LCD display, digit height 23 mm, rechargeable battery pack internal, standard.
- Operating time up to 30 h without backlight, charging time approx. 12 h. Can be reordered, KERN HFC-A01, € 60,-
- Dimensions housing (display device) W×D×H 88×64×256 mm
- Net weight 0,4 kg

**Technical data**
- Large backlit LCD display, digit height 23 mm
- Material and design of housing/load support, models with [Max] ≤ 5 t: aluminium/stainless steel bearing
- [Max] > 3 t: steel/steel
- Optional battery operation, 3×1.5 V AA not included, operating time up to 40 h
- Precision: 0,2 % of [Max]
- Measuring frequency 60 Hz
- Further weighing units: kg, lb, N
- Permissible ambient temperature 5 °C/35 °C

**Accessories**
- Rechargeable battery pack internal for load support, operating time up to 30 h, without backlight, charging time approx. 12 h, KERN HFA-A01, € 40,-
- High-strength shackle, hot-dipped galvanised cast steel bracket, bow shaped. Scope of delivery: 2 shackles with lacquered screw bolts, suitable for models with [Max] ≤ 5 t: KERN YSC-01, € 100,- [Max] > 5 t: KERN YSC-02, € 210,-

### Model

<table>
<thead>
<tr>
<th>Model</th>
<th>Weighing capacity [Max] kg</th>
<th>Readability [d] g</th>
<th>Net weight approx. kg</th>
<th>Dimensions A mm</th>
<th>B mm</th>
<th>C mm</th>
<th>D mm</th>
<th>F mm</th>
<th>Price excl. of VAT ex works €</th>
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### Technical data
- Dimensions:
  - H × W × D: 88 × 64 × 256 mm
  - Net weight: 0.4 kg
- Options:
  - DakkS Calibration Certificate
  - KERN HFC-A01: € 60,-
  - KERN YSC-01: € 100,-
  - KERN YSC-02: € 210,-
  - KERN YHA-01: € 170,-
  - KERN YHA-02: € 190,-
  - KERN YHA-03: € 230,-
  - KERN YHA-04: € 410,-

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**Hangar scales/Crane scales**

155
The professional alternative up to 600 kg with rear-facing second display

### Features

- **With the TÜV certification mark**, the scale meets the requirements of the standard EN 13155 (Non-fixed load lifting attachments/ Breakage resistance) and EN 61010-1 (Electrical safety)
- **Second display** on the rear of the balance
- **High mobility**: thanks to rechargeable battery operation, compact, lightweight construction, it is suitable for the use in several locations (production, warehouse, dispatch department etc.)
- **Hold function**: When the weighing value remains unchanged the weight indicated on the display is automatically "frozen" until the Hold key is pressed

### Technical data

- **Superior display size**: digit height 25 mm, bright backlight for easy reading of weighing results, even in poor lighting conditions
- **Display device**:
  - Dimensions housing W×D×H 162×123×390 mm
  - Rechargeable battery pack internal, operating time up to 30 h without backlight, charging time approx. 14 h
  - Precision: 0,2 % of [Max]
  - Permissible ambient temperature 0 °C/40 °C

### Hanging scales/Crane scales

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*Price reduction*
Robust, high-resolution crane scale up to 12 t

### Features
- **With the TÜV certification mark**, the scales meet the requirements of the standard EN 13155 (Non-fixed load lifting attachments/ Breakage resistance) and EN 61010-1 (Electrical safety)
- **Because of its stable construction and robust design**, it is ideal for continuous use in industrial environment
- **High mobility**: thanks to rechargeable battery operation, compact, lightweight construction, it is suitable for the use in several locations (production, warehouse, dispatch department etc.)
- **Hold function**: When the weighing value remains unchanged the weight indicated on the display is automatically “frozen” until the Hold key is pressed

### Accessories
- **Rechargeable battery pack internal** for load support, operating time up to 70 h, without backlight, charging time approx. 12 h, KERN HFD-A04, € 65,-
- **Hook with safety catch, cast steel, galvanised and lacquered, non-revolving**, suitable for models HFD 600, HFD 1T: KERN HFD-A01, € 40,- HFD 3T: KERN HFD-A02, € 55,- HFD 6T, HFD 10T: KERN HFD-A03, € 95,-

### Technical data
- **Superior display size**: digit height 30 mm, bright backlight for easy reading of weighing results, even in poor lighting conditions
- **Rechargeable battery pack internal**, operating time up to 70 h, battery pack accessible from the outside, which means it is easy to replace
- **Precision**: 0,2 % of [Max]
- **Permissible ambient temperature**: -10 °C/40 °C

### Model | Weighing capacity | Readability | Net weight approx. | Dimensions | Price excl. of VAT | Option
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</table>

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

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Hanging scales/Crane scales 157
# Crane scales KERN HFM - HFO

**Industrial crane scale up to 10 t – with EC type approval [M]**

## Features
- **TÜV certification mark**: The scales meet the requirements of the standard EN 13155 (Non-fixed load lifting attachments/Breakage resistance) and EN 61010-1 (Electrical safety).
- **Professional device**: Designed for robust applications in production, quality control, logistics, etc. Because of its stable construction and robust design, it is ideal for continuous use in industrial environments.
- **High mobility**: With a rechargeable battery, lightweight construction, it is suitable for use in several locations (production, warehouse, dispatch department, etc.).
- **Adaptation to unstable environmental conditions**: By changing the readability.

## Technical data
- **Superior display size**: Digit height 30 mm, bright with high contrast for easy reading of weighing results, even in poor lighting conditions.
- **Rechargeable battery pack**: Internal, operating time up to 50 h without backlight, charging time approx. 14 h.
- **Permissible ambient temperature**: 0 °C/40 °C.

## STD Option Factory

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<tr>
<th>Model</th>
<th>Weighing capacity [Max] kg</th>
<th>Readability [d] g</th>
<th>Net weight approx. kg</th>
<th>Dimensions</th>
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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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<tr>
<th>Model</th>
<th>Weighing capacity [Max] kg</th>
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</table>
Robust industrial crane scale up to 15 t with radio display and RS-232 data interface for transferring weighing results

**Features**
- Display with integrated radio module, in this way the weighing data can easily be read off the display by the user, even if the user might find himself in a remote distance from the crane scale. Range up to 20 m. The integrated RS-232 data interface allows from connection to a printer, PC or network
- Internal rechargeable battery pack for load receptor and display device included with the delivery

**Technical data**
- Separate display with large, backlit LCD display, digit height 22 mm. Dimensions W×D×H: 175×50×85 mm, incl. Antenna W×D×H: 130×650×130 mm
- Precision: 0,2 % of [Max]
- Permissible ambient temperature 0 °C/40 °C

**Accessories**
- Load receptor: Rechargeable battery pack internal, operating time up to 80 h without backlight, charging time approx. 8 h. KERN VFB-A02, € 50,-
- Display device: Rechargeable battery pack internal, operating time up to 80 h without backlight, charging time approx. 8 h. KERN GAB-A04, € 40,-
- Interface cable RS-232, to connect the display device to a printer, PC, etc., cable length approx. 1,5 m. KERN KFF-A01, € 46,-
- Further details, plenty of further accessories and suitable printers see Accessories

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**Table of Specifications**

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ONLY WHILE STOCKS LAST

Price reduction
KERN & SOHN GmbH
Balances, Test weights,
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

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

1980  The electronic balance ousts mechanical devices

1980  Authorisation for initial verification by the manufacturer (2009/23/EC)

1994  Accredited DKD laboratory (ISO 17025)

1994  Approval for the manufacture and sale of height rods (DIN EN 13485 and 93/42/EEC)

2000  New premises in Balingen

2000  Verification point for non-automatic balances and test weights.

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

2002  Approval for the manufacture of medical products (DIN EN 13485 and 93/42/EEC)

2008  Inflation – KERN wages are paid with self printed currency

2008  Approval for the manufacture and sale of height rods (DIN EN 13485 and 93/42/EEC)

2009  Verification point for non-automatic balances and test weights.

2009  New customer portal www.kern-sohn.com goes live

2012  Expansion of the product range to include optical instruments (microscopes and refractometers)

2012  Inauguration of Ziegelei 2.0 with computer-controlled high-bay warehouse

2014  Significant anniversary year for KERN

2015  25 years of accredited DKD laboratory

2015  175 years of KERN & SOHN

2015  250 years of balance manufacture in the Sauter family-owned company

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  Significantly expanded product range to include optical instruments (microscopes and refractometers)