KERN®

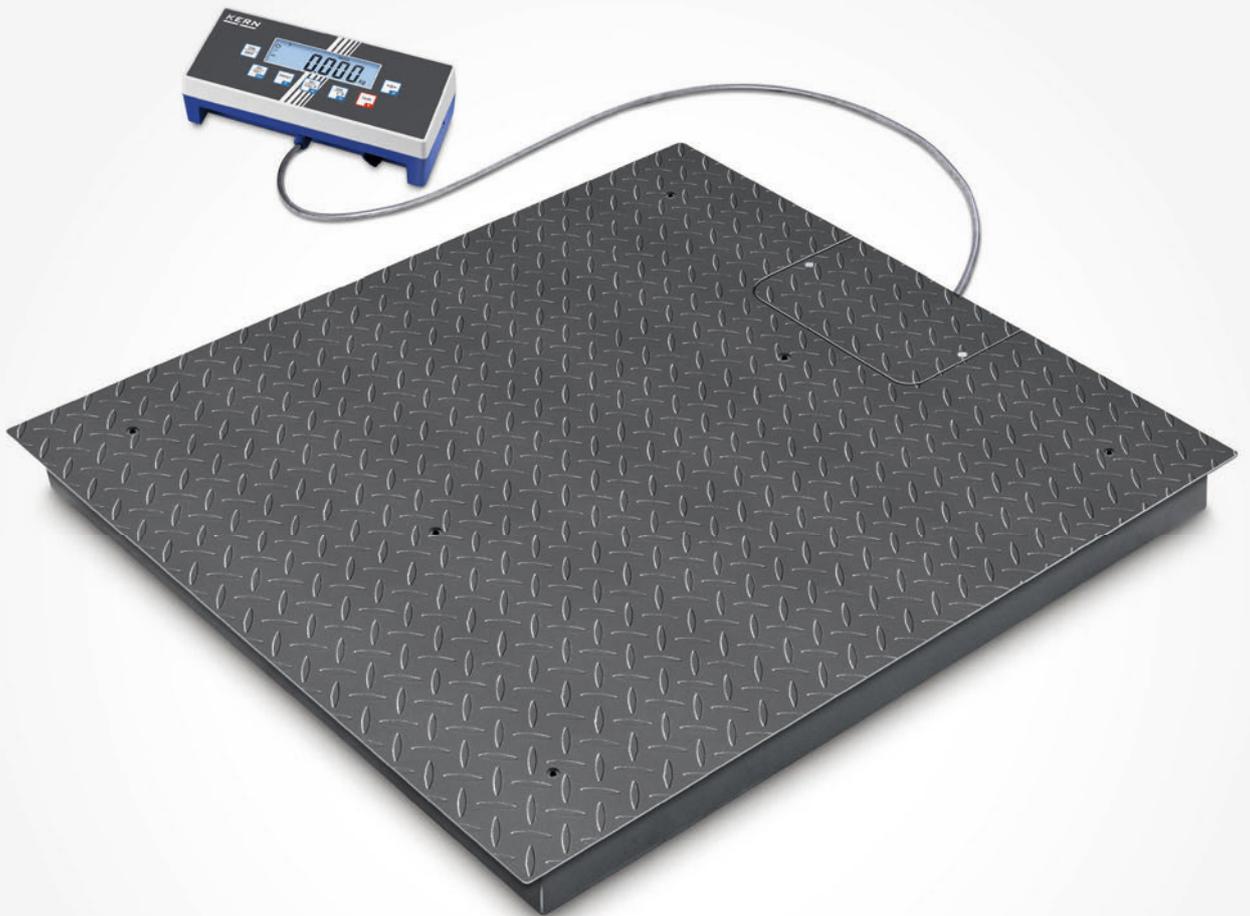# FLOOR SCALES, PALLET SCALES, DRIVE-THROUGH SCALES

## Laboratory | Industry | Food Industry

PROFESSIONAL MEASURING

# 2025

# KERN Pictograms

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

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

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

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

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

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

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

**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
`RS 485`

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

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

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

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

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

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

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

**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
`KCP PROTOCOL`

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

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

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

**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 A`

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

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

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

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

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

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

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

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

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

**Rechargeable battery pack**
Rechargeable set
`ACCU`

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

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

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

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

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

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

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

**Conformity Assessment**
The time required for conformity assessment is specified in the pictogram
`M +3 DAYS`

**DAkkS calibration possible (DKD)**
The time required for DAkkS calibration is shown in days in the pictogram
`DAkkS +3 DAYS`

**Factory calibration (ISO)**
The time required for Factory calibration is shown in days in the pictogram
`ISO +4 DAYS`

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

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

# KERN Models A-Z

## KERN Quick-Finder

### How I quickly find the product I am looking for

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

**And it's as simple as that – find the product you want in 2 steps:**
1. Go to the product group index on page 3
2. Pick the appropriate product group and find the product you want using the Quick-Finder
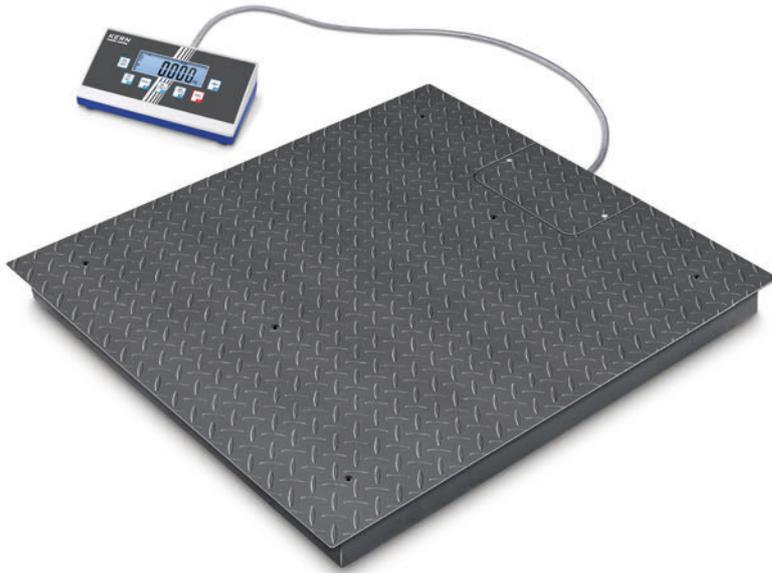
# High-resolution floor scale with 2×3000 [d] and the best price-to-performance ratio

## Features

- Weighing bridge out of anti-slip corrugated steel, 4 load cells, alloy steel, silicone-coated, IP67
- Welded platform with screw holes to lift the scale for easy cleaning
- Easy levelling of the weighing bridge as well as access to the junction box from above
- Simple and convenient 4-key operation
- Wall mount for display device, standard
- **1** Our floor scales are delivered in a robust wooden box. This protects the high-quality weighing technology from environmental influences and stresses during transportation

## Technical data

- Large LCD display, digit height 25 mm
- Weighing platform dimensions, steel, powder-coated
  **A** W×D×H 1000×1000×108 mm
  **B** W×D×H 1200×1500×108 mm
  **C** W×D×H 1500×1500×108 mm
- Dimensions of display device W×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 over the display device, scope of delivery 5 items, KERN EOB-A04BS05, **€ 44,–**
- **2** Pair of base plates to fix the weighing bridge to the floor, KERN BIC-A07, **€ 44,–**
- **3** Ascending ramp, steel, powder-coated, for models with weighing plate size
  **A** 1000×1000×108 mm, KERN BIC-A01, **€ 425,–**
  **B** 1200×1000×108 mm, KERN BIC-A02, **€ 530,–**
  **C** 1500×1000×108 mm, KERN BIC-A03, **€ 600,–**
- **4** Stable pit frame, steel, powder-coated, for models with weighing plate size
  **A** 1088×1088×110 mm, KERN BIC-A04, **€ 350,–**
  **B** 1288×1588×110 mm, KERN BIC-A05, **€ 460,–**
  **C** 1588×1588×110 mm, KERN BIC-A06, **€ 490,–**

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

**STANDARD**

| CAL EXT | UNIT | MOVE | PT IP 67 | LC IP 67 | BATT | MULTI | DMS | 2 DAYS |
|---------|------|------|----------|----------|------|-------|-----|--------|

**OPTION**

| DAkkS +3 DAYS |
|---------------|

| Model | Weighing capacity | Readability | Weighing plate | Net weight approx. | Price excl. of VAT ex works | Options DAkkS Calibr. Certificate | |
|-------|-------------------|-------------|----------------|--------------------|-----------------------------|-----------------------------------|--|
| | | | | | | DAkkS | |
| KERN | [Max] kg | [d] kg | | kg | € | KERN | € |
| BIC 600K-1S | 300 \| 600 | 0,1 \| 0,2 | A | 70 | **920,–** | 963-130 | 215,– |
| BIC 600K-1 | 300 \| 600 | 0,1 \| 0,2 | B | 150 | **1340,–** | 963-130 | 215,– |
| BIC 1T-4S | 600 \| 1500 | 0,2 \| 0,5 | A | 70 | **920,–** | 963-130 | 215,– |
| BIC 1T-4 | 600 \| 1500 | 0,2 \| 0,5 | B | 150 | **1300,–** | 963-130 | 215,– |
| BIC 3T-3 | 1500 \| 3000 | 0,5 \| 1 | B | 150 | **1300,–** | 963-132 | 580,– |
| BIC 3T-3L | 1500 \| 3000 | 0,5 \| 1 | C | 155 | **1600,–** | 963-132 | 580,– |

Multi-range balance, with increasing load it switches automatically to the next largest weighing range [Max] and readout [d] and when the load is fully removed, the balance switches back to the lower range

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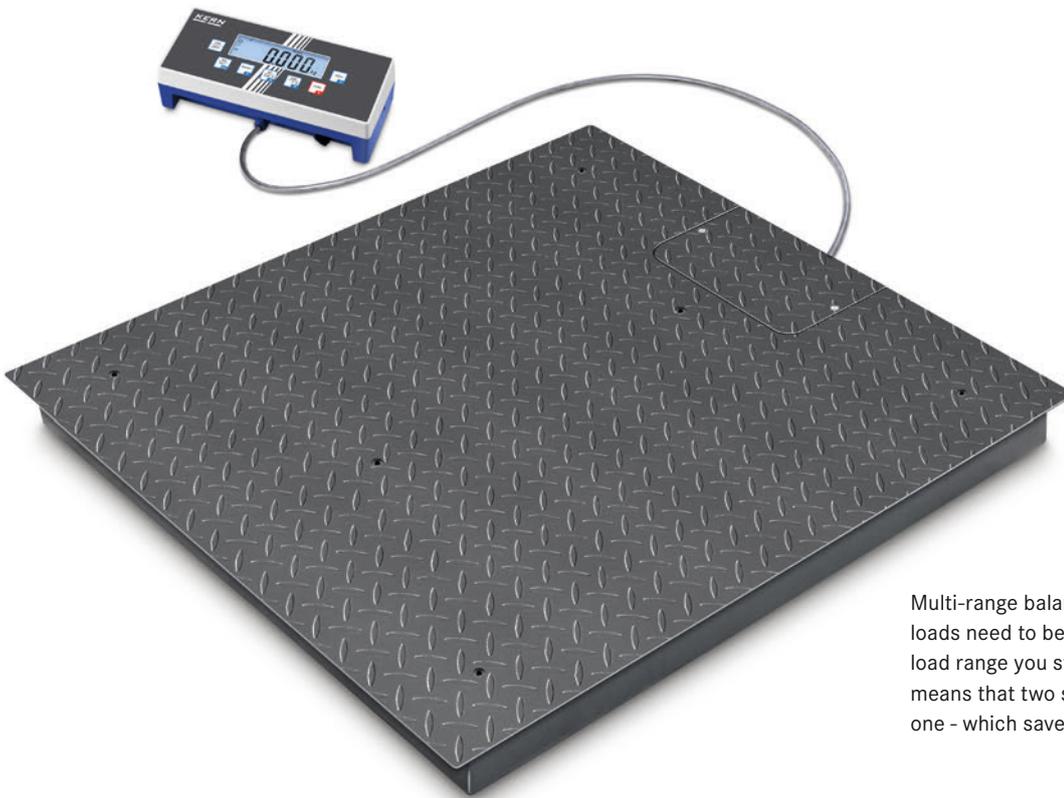
Multi-range balances, ideal, high maximum loads need to be weighed, but in the lower load range you still need high resolution. This means that two scales can be replaced with one - which saves space and money!

# Multi-range floor scale with the best price-to-performance ratio, verification optional



Our floor scales are delivered in a robust wooden box. This protects the high-quality weighing technology from environmental influences and stresses during transportation



❶ 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.



❷ 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

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

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

# Floor Scale KERN BID

## Features

- KERN BID 1T-4EM: Compact special size, especially for weighing europallets
- Display device: Plastic, protected against dust and water splashes IP65. for details see KERN KIB-TM
- Weighing bridge out of anti-slip corrugated steel, 4 load cells, alloy steel, silicone-coated, IP67
- Easy levelling of the weighing bridge as well as access to the junction box from above
- Totalising of weights and piece counts
- Thanks to interfaces such as RS-232 or USB, WiFi, Bluetooth, Ethernet (optional), the scale can easily be connected to existing networks. Data exchange between the scale, PC or printer
- KERN Communication Protocol (KCP): The KCP permits searching and remote control of the balance using external control devices or computers

## Technical data

- Large LCD display, digit height 25 mm
- Weighing platform dimensions W×D×H, steel, powder-coated
  - **A** 1000×1000×108 mm, **B** 1200×1000×108 mm
  - **C** 1200×1500×108 mm, **D** 1500×1500×108 mm
- Dimensions of display device W×D×H 268×115×80 mm
- Cable length of display device approx. 5 m
- Permissible ambient temperature -10 °C/40 °C

## Accessories

- Protective working cover, scope of delivery 5 items, KERN EOC-A01S05, **€ 55,–**
- Pair of base plates to fix the weighing bridge to the floor, KERN BIC-A07, **€ 44,–**
- **1** Ascending ramp, steel, powder-coated, for models with weighing plate size
  - **A**, **B** 1000×1000×108 mm, KERN BIC-A01, **€ 425,–**
  - **C** 1200×1000×108 mm, KERN BIC-A02, **€ 530,–**
  - **D** 1500×1000×108 mm, KERN BIC-A03, **€ 600,–**
- Stable pit frame, Steel, powder-coated, to install the weighing bridge so you can drive straight on, for models with weighing plate size
  - **A** 1088×1088×110 mm, KERN BIC-A04, **€ 350,–**
  - **B** 1288×1088×110 mm, KERN BIC-A08, **€ 410,–**
  - **C** 1288×1588×110 mm, KERN BIC-A05, **€ 460,–**
  - **D** 1588×1588×110 mm, KERN BIC-A06, **€ 490,–**
- Benchtop stand incl. wall mount for display device, KERN EOC-A04, **€ 33,–**
- Internal rechargeable battery pack, operating time up to 43 h without backlight, charging time approx. 3 h, KERN KFB-A01, **€ 40,–**
- USB data interface, for transferring weighing to the PC, printer etc., must be ordered at purchase, KERN KIB-A03, **€ 120,–**
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, KERN KIB-A04, **€ 110,–**
- WiFi interface for wireless connection of the balance to networks and WiFi capable devices, such as tablets, laptops or smartphones, continuous data transfer, must be ordered at purchase, KERN KIB-A10, **€ 130,–**
- Ethernet data interface, to connect an IP-based Ethernet network, continuous data transfer, must be ordered at purchase, KERN KIB-A02, **€ 165,–**
- Signal lamp, including interface, for visual support of weighing with tolerance range, must be ordered at purchase, KERN KIB-A06, **€ 470,–**
- Alibi memory, for paperless archiving of the weighing results with ID no., gross/net/tare value, date and time, must be ordered at purchase, KERN KIB-A13, **€ 164,–**
- **2** Verification plug, for verified balances this enables you to separate the display device and platform without affecting the verification, e.g. for installing the scale in a packing and dispatch table, pit frame etc. at a later date. Please order this at the same time as you purchase your scale, KERN KIB-A12, **€ 164,–**

STANDARD

| CAL EXT | RS 232 | KCP PROTOCOL | GLP PRINTER | PCS | SUM | PERCENT | TOL | MOVE | IP 65 | IP 67 | MULTI | DMS | 2 DAYS |

OPTION: ET | ACCU | DAkkS +3 DAYS

FACTORY: ALIBI | USB **3** | BT 4.0 **3** | WIFI **3** | LAN **3** | M +3 DAYS BID-M

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| Model KERN | Weighing capacity = Verification value [Max] kg | Readability = Verification value [d] = [e] kg | Minimal load [Min] kg | Weighing plate | Net weight approx. kg | Price excl. of VAT ex works € | Verification KERN | € | DAkkS Calibr. Certificate DAkkS KERN | € |
|---|---|---|---|---|---|---|---|---|---|---|
| *High-resolution versions with fine display* | | | | | | | | | | |
| BID 600K-1DS | 300 \| 600 | 0,05 \| 0,1 | - | A | 75 | **1220,–** | - | - | 963-130 | 215,– |
| BID 600K-1D | 300 \| 600 | 0,05 \| 0,1 | - | C | 150 | **1650,–** | - | - | 963-130 | 215,– |
| BID 1T-4DS | 600 \| 1500 | 0,1 \| 0,2 | - | A | 75 | **1250,–** | - | - | 963-130 | 215,– |
| BID 1T-4D | 600 \| 1500 | 0,1 \| 0,2 | - | C | 150 | **1650,–** | - | - | 963-130 | 215,– |
| BID 3T-3D | 1500 \| 3000 | 0,2 \| 0,5 | - | C | 150 | **1650,–** | - | - | 963-132 | 580,– |
| BID 3T-3DL | 1500 \| 3000 | 0,2 \| 0,5 | - | D | 155 | **1900,–** | - | - | 963-132 | 580,– |
| *Multi-range balance, with increasing load it switches automatically to the next largest weighing range [Max] and readout [d] and when the load is fully removed, the balance switches back to the lower range* | | | | | | | | | | |
| BID 600K-1DSM | 300 \| 600 | 0,1 \| 0,2 | 2 \| 4 | A | 75 | **1220,–** | 965-230 | 158,– | 963-130 | 215,– |
| BID 600K-1DM | 300 \| 600 | 0,1 \| 0,2 | 2 \| 4 | C | 150 | **1650,–** | 965-230 | 158,– | 963-130 | 215,– |
| BID 1T-4DSM | 600 \| 1500 | 0,2 \| 0,5 | 4 \| 10 | A | 75 | **1250,–** | 965-230 | 158,– | 963-130 | 215,– |
| BID 1T-4DM | 600 \| 1500 | 0,2 \| 0,5 | 4 \| 10 | C | 150 | **1650,–** | 965-230 | 158,– | 963-130 | 215,– |
| BID 3T-3DM | 1500 \| 3000 | 0,5 \| 1 | 10 \| 20 | C | 150 | **1650,–** | 965-232 | 235,– | 963-132 | 580,– |
| BID 3T-3DLM | 1500 \| 3000 | 0,5 \| 1 | 10 \| 20 | D | 155 | **1900,–** | 965-232 | 235,– | 963-132 | 580,– |
| BID 600K-1SM | 600 | 0,2 | 4 | A | 75 | **1220,–** | 965-230 | 158,– | 963-130 | 215,– |
| BID 600K-1M | 600 | 0,2 | 4 | C | 150 | **1600,–** | 965-230 | 158,– | 963-130 | 215,– |
| BID 1T-4SM | 1500 | 0,5 | 10 | A | 75 | **1220,–** | 965-230 | 158,– | 963-130 | 215,– |
| BID 1T-4EM | 1500 | 0,5 | 10 | B | 85 | **1300,–** | 965-230 | 158,– | 963-130 | 215,– |
| BID 1T-4M | 1500 | 0,5 | 10 | C | 150 | **1600,–** | 965-230 | 158,– | 963-130 | 215,– |
| BID 1T-4LM | 1500 | 0,5 | 10 | D | 155 | **1880,–** | 965-230 | 158,– | 963-130 | 215,– |
| BID 3T-3M | 3000 | 1 | 20 | C | 150 | **1600,–** | 965-232 | 235,– | 963-132 | 580,– |
| BID 3T-3LM | 3000 | 1 | 20 | D | 155 | **1880,–** | 965-232 | 235,– | 963-132 | 580,– |

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.

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

NEW

IoT ready

NEXT LEVEL
Easy Touch
FUNCTIONS
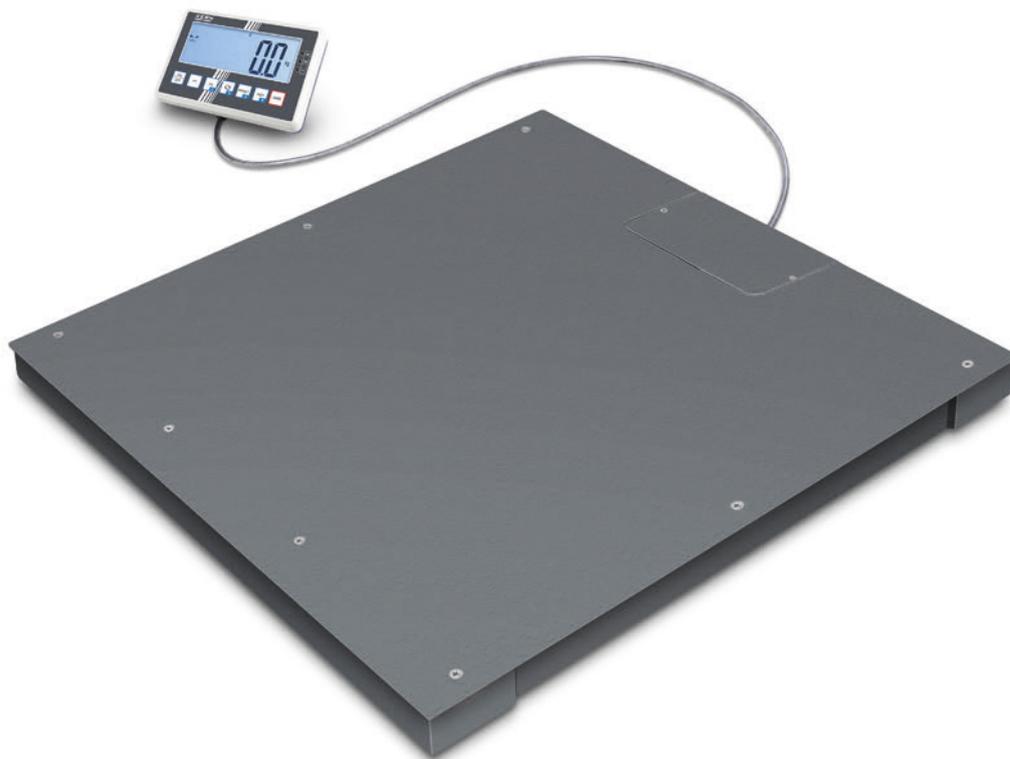
## Floor Scale with screwed-on weighing plate (IP67), verification optional



❶ Weighing plate can be unscrewed - The weighing plate can be conveniently unscrewed for maintenance or cleaning purposes (Exception: BFC 6T-3M)



Easy levelling of the weighing bridge as well as access to the junction box from above



❷ Ascending ramp, lacquered steel, see *Accessories*

# IoT-Line Floor Scale KERN BFC

## Features

- **1** Weighing plate: smooth surface, screwed on from the top, so it easy to remove, hygienic and easy to clean (Exception: KERN BFC 6T-3M)
- KERN BFC 6T-3M: Weighing plate welded, steel chequer plate
- 4 silicone-coated steel load cells, IP67 dust and spray protection
- Display device: for details see KERN KFC-TM
- IoT line: networkable balances with user-friendly concept of operation, for details see KERN KFC-TM
- With Real Time Clock as standard: Enables you to log the weighing results with accurate time information. Even if the power supply is interrupted, the balance can continue to work with the correct time
- Benchtop stand incl. wall mount for display device as standard
- Protective working cover included with delivery

## Technical data

- Large backlit LCD display, digit height 48 mm
- Weighing platform dimensions W×D×H, steel, powder-coated
  - **A** 1000×1000×85 mm
  - **B** 1500×1250×85 mm
  - **C** 1500×1500×85 mm
  - **D** 1500×1500×123 mm
- Dimensions of display device W×D×H 220×145×65 mm
- Permissible ambient temperature -10 °C/40 °C





## Accessories

- Protective working cover, scope of delivery 5 items, KERN YBA-A18S05, **€ 52,–**
- **3** Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07, **€ 170,–**
- Pair of base plates to fix the weighing bridge to the floor, for models with weighing plate size
  - **A** - **C** KERN BFS-A06N, **€ 80,–**
  - **D** KERN BFS-A10, **€ 67,–**
- **2** Ascending ramp, steel, lacquered, for models with weighing plate size
  - **A** 1000×740×90 mm, KERN BFS-A01N, **€ 405,–**
  - **B** 1250×740×90 mm, KERN BFS-A02N, **€ 480,–**
  - **C** 1500×740×90 mm, KERN BFS-A09N, **€ 630,–**
  - **D** 1500×750×120 mm, KERN BFS-A11, **€ 680,–**
- **4** Stable pit frame, steel, lacquered, for models with weighing plate size
  - **A** 1090×1090×90 mm, KERN BFS-A03N, **€ 380,–**
  - **B** 1590×1340×90 mm, KERN BFS-A04N, **€ 450,–**
  - **C** 1590×1590×90 mm, KERN BFS-A08N, **€ 500,–**
- Internal rechargeable battery pack, operating time up to 22 h without backlight, charging time approx. 8 h, KERN YKR-01, **€ 35,–**

- RS-232 interface adapter, KERN KUP-01, **€ 60,–**
- USB interface adapter, KERN KUP-03, **€ 75,–**
- Ethernet interface adapter, KERN KUP-04, **€ 115,–**
- WiFi interface adapter, KERN KUP-05, **€ 75,–**
- Bluetooth interface adapter, KERN KUP-06, **€ 99,–**
- Analogue module, KERN KUP-08, **€ 170,–**
- Extension box for connecting up to three interfaces in parallel, KERN KUP-13, **€ 75,–**
- Memory module (alibi memory), KERN YMM-04, **€ 80,–**
- Signal lamp for visual support of weighing with tolerance range, KERN CFS-A03, **€ 310,–**
- Further details, plenty of further accessories and suitable printers see *Accessories*

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STANDARD

| CAL EXT | KUP | KCP PROTOCOL | GLP INTERN | PCS | SUM | PERCENT | UNIT | TOL | MOVE | IP 67 | IP 67 | MULTI | DMS | 2 DAYS |

OPTION

| ET | RS 232 | USB | BT 4.0 | WIFI | ANALOG | LAN | ACCU |

FACTORY

| ALIBI | +3 DAYS |

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

| Model KERN | Weighing capacity [Max] kg | Readability = Verification value [d] = [e] kg | Minimal load [Min] kg | Cable length of display device approx. m | Net weight approx. kg | Weighing plate | Price excl. of VAT ex works € | Options Verification | | DAkkS Calibr. Certificate | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | KERN | € | DAkkS KERN | € |
| BFC 600K-1SM | 600 | 0,2 | 4 | 5 | 105 | A | 1420,– | 965-230 | 158,– | 963-130 | 215,– |
| BFC 600K-1M | 600 | 0,2 | 4 | 5 | 140 | B | 1960,– | 965-230 | 158,– | 963-130 | 215,– |
| BFC 1.5T-4SM | 1500 | 0,5 | 10 | 5 | 105 | A | 1420,– | 965-230 | 158,– | 963-130 | 215,– |
| BFC 1.5T-4M | 1500 | 0,5 | 10 | 5 | 140 | B | 1960,– | 965-230 | 158,– | 963-130 | 215,– |
| BFC 3T-3M | 3000 | 1 | 20 | 5 | 140 | B | 1960,– | 965-232 | 235,– | 963-132 | 580,– |
| BFC 3T-3LM | 3000 | 1 | 20 | 5 | 155 | C | 2200,– | 965-232 | 235,– | 963-132 | 580,– |
| BFC 6T-3M | 6000 | 2 | 40 | 5 | 230 | D | 2480,– | 965-232 | 235,– | 963-132 | 580,– |

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.

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

**NEW**   IoT ready

NEXT LEVEL
Easy Touch
FUNCTIONS





## Accessories

- Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07, **€ 170,–**
- ❷ Pair of base plates to fix the weighing bridge to the floor, KERN BFN-A03, **€ 95,–**
- ❸ Ascending ramp, Stainless steel, for models with weighing plate size
  Ⓐ 1000×740×90 mm, KERN BFN-A05, **€ 1350,–**
  Ⓑ 1250×760×85 mm, KERN BFN-A01, **€ 1530,–**
- ❹ Stable pit frame, Stainless steel, for models with weighing plate size
  Ⓐ 1090×1090×90 mm, KERN BFN-A06, **€ 880,–**
  Ⓑ 1590×1340×90 mm, KERN BFN-A02, **€ 1150,–**
- Internal rechargeable battery pack, operating time up to 22 h without backlight, charging time approx. 8 h, must be ordered at purchase, KERN YKR-01, **€ 35,–**
- Memory module with real time clock (alibi memory), KERN YMM-06, **€ 160,–**
- Internal data interface RS-232, interface cable included, KERN KUM-01, **€ 120,–**
- Internal data interface USB, interface cable included, KERN KUM-03, **€ 120,–**
- Internal data interface Ethernet, interface cable included, KERN KUM-04, **€ 165,–**
- Internal data interface WiFi, KERN KUM-05, **€ 95,–**
- Internal data interface Bluetooth, KERN KUM-06, **€ 135,–**
- Analogue module, KERN KUM-08, **€ 145,–**
- Further details, plenty of further accessories and suitable printers see *Accessories*

## Floor scale with screwed-on weighing plate (IP67) and stainless steel display device (IP68), verification optional

### Features

- Tough industry standard suitable for use in harsh industrial applications
- ❶ Weighing plate screwed on from the top with stainless steel screws, so it's easy to remove, hygienic and easy to clean
- Weighing bridge: stainless steel, extremely resistant to bending due to material thickness, 4 hermetically welded stainless steel load cells, IP68 dust and spray protection
- Easy levelling of the weighing bridge as well as access to the junction box from above
- Display device: stainless steel, protection against dust and water splashes IP68, for details see KERN KXC-TM
- IoT line: networkable balances with user-friendly concept of operation
- The exchange of data and control commands is optional using up to four interfaces to suit individual requirements: two wired connections and two wireless connections, for details see KERN KXC-TM
- Available as an option with alibi memory for paperless archiving of weighing results. This also means the results of weighings with mandatory verification can be electronically evaluated and processed further
- Wall mount for display device, standard

### Technical data

- Large backlit LCD display, digit height 48 mm
- Weighing platform dimensions W×D×H, stainless steel
  Ⓐ 1000×1000×85 mm
  Ⓑ 1500×1250×85 mm
- Dimensions of display device W×D×H 232×150×80 mm
- Permissible ambient temperature -10 °C/40 °C

STANDARD

| CAL EXT | KCP PROTOCOL | GLP PRINTER YMM-06 | PCS | SUM | PERCENT | UNIT | TOL | MOVE | PT IP 67 | IND IP 68 | LC IP 68 | 230 V | DMS | 2 DAYS |

OPTION
| ET | DAkkS +3 DAYS |

FACTORY
| ALIBI | RS 232 | USB | BT 4.0 | WIFI | ANALOG | LAN | ACCU | M +3 DAYS |

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

| Model<br>KERN | Weighing capacity [Max]<br>kg | Readability = Verification value [d] = [e]<br>kg | Minimal load [Min]<br>kg | Cable length of display device approx.<br>m | Net weight approx.<br>kg | Weighing plate | Price excl. of VAT ex works<br>€ | Options | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Verification | | DAkkS Calibr. Certificate | |
| | | | | | | | | Ⓜ KERN | € | DAkkS KERN | € |
| BXC 600K-1SM | 600 | 0,2 | 4 | 5 | 85 | Ⓐ | 3020,– | 965-230 | 158,– | 963-130 | 215,– |
| BXC 1.5T-4SM | 1500 | 0,5 | 10 | 5 | 85 | Ⓐ | 3020,– | 965-230 | 158,– | 963-130 | 215,– |
| BXC 1.5T-4M | 1500 | 0,5 | 10 | 5 | 120 | Ⓑ | 3840,– | 965-230 | 158,– | 963-130 | 215,– |
| BXC 3T-3M | 3000 | 1 | 20 | 5 | 150 | Ⓑ | 3990,– | 965-232 | 235,– | 963-132 | 580,– |

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.

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

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NEXT LEVEL
Easy Touch
FUNCTIONS





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

### Features

- Flexible solution for weighing large, bulky or long items, thanks to freely positionable weighing beams and a 5 m (!) long connecting cable between the beams
- Thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations
- Weighing beams: steel, painted, 4 silicone-coated aluminium load cells, protection against dust and water splashes IP67
- ❶ Sturdy handles for transporting the weighing beams
- ❶ KERN UFA-L: Each weighing beam has a roller and handle for easy transport of the scale, see larger picture
- Display device: for details see KERN KFB-TM
- Benchtop stand incl. wall mount for display device as standard
- Totalising of weights and piece counts
- Protective working cover included with delivery

- KERN UFA-S: Model with short weighing beams, ideal for weighing compact items or animals in transport boxes
- Our floor scales are delivered in a robust wooden box. This protects the high-quality weighing technology from environmental influences and stresses during transportation

### 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
- Connection cable approx. 5 m
- Permissible ambient temperature -10 °C/40 °C

### Accessories

- Protective working cover over the display device, scope of delivery 5 items, KERN KFB-A02S05, **€ 52,–**
- ❷ Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07, **€ 170,–**

- Internal rechargeable battery pack, operating time up to 35 h without backlight, charging time approx. 10 h, KERN KFB-A01, **€ 40,–**
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase. When installing the Bluetooth data interface, the RS-232 data interface can no longer be used, KERN KFB-A03, **€ 160,–**
- Analogue module, must be ordered at purchase, not possible in combination with signal lamp or rechargeable battery pack
  0–10 V: KERN KFB-A04, **€ 170,–**
  4–20 mA: KERN KFB-A05, **€ 170,–**
- ❸ Signal lamp for visual support of weighing with tolerance range, not possible in combination with analogue module, KERN CFS-A03, **€ 310,–**
- ❹ Large display with superior display size KERN YKD-A02, **€ 310,–**
- Y-cable for parallel connection of two terminal devices to the RS-232 interface on the scale, e.g. signal lamp and printer, KERN CFS-A04, **€ 38,–**
- Cable with special length 15 m, between display device and platform, for verified models which must be ordered at the time of purchase, KERN BFB-A03, **€ 195,–**
- Further details, plenty of further accessories and suitable printers see *Accessories*

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

| STANDARD | | | | | | | | | | | OPTION | | FACTORY | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CAL EXT | RS 232 | KCP PROTOCOL | PCS | SUM | UNIT | TOL | MOVE | LC IP 67 | A MULTI | DMS | 2 DAYS | ET | DAkkS +3 DAYS | BT 4.0 | D/A ANALOG | ACCU |

| Model | Weighing capacity | Readability | Dimensions Weighing beam W×D×H | Net weight approx. | Price excl. of VAT ex works | Options DAkkS Calibr. Certificate | |
|---|---|---|---|---|---|---|---|
| KERN | [Max] kg | [d] kg | mm | kg | € | DAkkS KERN | € |
| UFA 600K-1S | 600 | 0,2 | 870×120×84 | 36 | **1140,–** | 963-130 | 215,– |
| UFA 1.5T0.5 | 1500 | 0,5 | 1270×170×85 | 40 | **1240,–** | 963-130 | 215,– |
| UFA 3T1 | 3000 | 1 | 1270×170×85 | 38 | **1240,–** | 963-132 | 580,– |
| UFA 3T-3L | 3000 | 1 | 2000×120×90 | 60 | **1570,–** | 963-132 | 580,– |
| UFA 6T-3 | 6000 | 2 | 1200×160×115 | 90 | **1610,–** | 963-132 | 580,– |
| UFA 6T-3L | 6000 | 2 | 2000×160×115 | 130 | **2120,–** | 963-132 | 580,– |
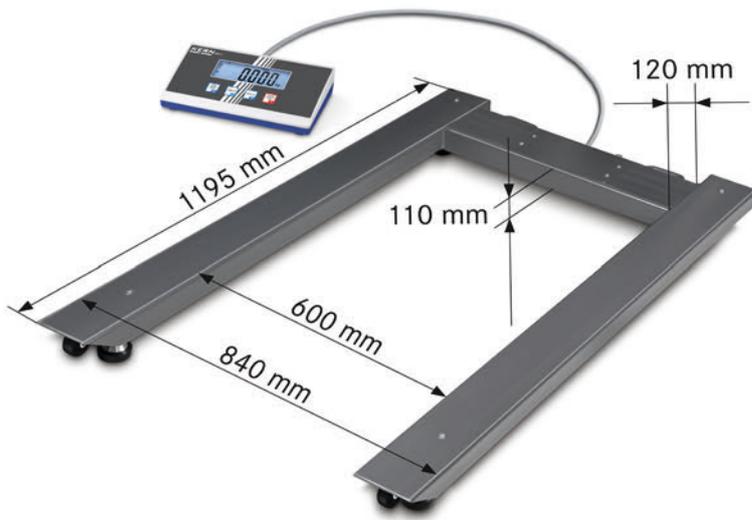
## Pallet scale with steel load support (IP67) and the best price-to-performance ratio

### Features

- Thanks to battery operation, compact, lightweight construction, it is suitable for the use in several locations
- Load support: steel, powder coated, 4 silicone-coated aluminium load cells, protection against dust and water splashes IP67
- **1** The scale can be easily transported using rollers and a handle and does not require much storage space
- Protective working cover included with delivery
- **2** Our floor scales are delivered in a robust wooden box. This protects the high-quality weighing technology from environmental influences and stresses during transportation

### Technical data

- Large LCD display, digit height 25 mm
- Dimensions of display device W×D×H 235×114×51 mm
- Cable length of display device approx. 5 m
- Optional battery operation, 4×1.5 V AA not included in scope of delivery, operating time up to 60 h
- 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, **€ 44,–**
- Stand to elevate display device, height of stand approx. 1000 mm, KERN EOB-A02B, **€ 112,–**

! 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 | Price excl. of VAT ex works | Options | |
|---|---|---|---|---|---|---|
| | | | | | DAkkS Calibr. Certificate | |
| | [Max] | | [d] | | DAkkS | |
| KERN | kg | | kg | € | KERN | € |
| UIB 600K-1 | 600 | | 0,2 | **990,–** | 963-130 | 215,– |
| UIB 1.5T-4 | 1500 | | 0,5 | **990,–** | 963-130 | 215,– |
| UIB 3T-3 | 3000 | | 1 | **990,–** | 963-132 | 580,– |

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## Accessories

- Protective working cover, scope of delivery 5 items, KERN EOC-A01S05, **€ 55,–**
- Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07, **€ 170,–**
- Internal rechargeable battery pack, operating time up to 43 h without backlight, charging time approx. 3 h, KERN KFB-A01, **€ 40,–**
- USB data interface, for transferring weighing to the PC, printer etc., must be ordered at purchase, KERN KIB-A03, **€ 120,–**
- Bluetooth data interface for wireless data transfer to PC or tablets, must be ordered at purchase, KERN KIB-A04, **€ 110,–**
- WiFi interface for wireless connection of the balance to networks and WiFi capable devices, such as tablets, laptops or smartphones, continuous data transfer, must be ordered at purchase, KERN KIB-A10, **€ 130,–**
- Ethernet data interface, to connect an IP-based Ethernet network, continuous data transfer, must be ordered at purchase, KERN KIB-A02, **€ 165,–**
- Signal lamp, including interface, for visual support of weighing with tolerance range, must be ordered at purchase, KERN KIB-A06, **€ 470,–**
- Alibi memory, including USB interface for exporting weighing results to external data storage media, such as, for example, USB sticks, hard drives, etc., must be ordered at purchase, KERN KIB-A01, **€ 175,–**
- Verification plug, for verified balances this enables you to separate the display device and platform without affecting the verification, e.g. for installing the scale in a packing and dispatch table, pit frame etc. at a later date. Please order this at the same time as you purchase your scale, KERN KIB-A12, **€ 164,–**
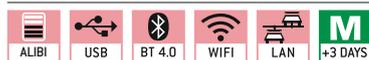
# High-resolution multi-range pallet scale with a wide range of interfaces, verification optional

## Features

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

- KERN Communication Protocol (KCP): The KCP permits searching and remote control of the balance using external control devices or computers
- Thanks to interfaces such as RS-232 or USB, WiFi, Bluetooth, Ethernet (optional), the scale can easily be connected to existing networks. Data exchange between the scale, PC or printer
- Protective working cover included with delivery

## Technical data

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

**STANDARD**

| CAL EXT | RS 232 | KCP PROTOCOL | GLP PRINTER | PCS | SUM | PERCENT | UNIT | TOL | MOVE | IND IP 65 | LC IP 67 | MULTI | DMS | 2 DAYS |

**OPTION**

| ET | ACCU | DAkkS +3 DAYS |

**FACTORY**

| ALIBI | USB ❶ | BT 4.0 ❶ | WIFI ❶ | LAN ❶ | M +3 DAYS |

❶ Only one optional interface can be installed and used

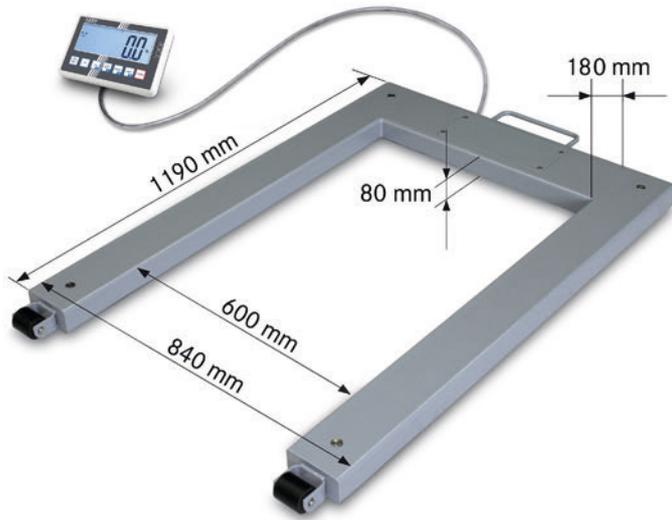! Shipment via freight forwarder. Please ask for dimensions, gross weight, shipping costs

| Model KERN | Weighing capacity [Max] kg | Readability = Verification value [d] = [e] kg | Minimal load [Min] kg | Cable length of display device approx. m | Net weight approx. kg | Price excl. of VAT ex works € | Options Verification ⓜ KERN | € | DAkkS Calibr. Certificate DAkkS KERN | € |
|---|---|---|---|---|---|---|---|---|---|---|
| UID 600K-1M | 600 | 0,2 | 4 | 5 | 44 | **1220,–** | 965-230 | 158,– | 963-130 | 215,– |
| UID 1500K-1M | 1500 | 0,5 | 10 | 5 | 44 | **1220,–** | 965-230 | 158,– | 963-130 | 215,– |
| UID 3000K-0M | 3000 | 1 | 20 | 5 | 44 | **1250,–** | 965-232 | 235,– | 963-132 | 580,– |
| | Multi-range balance, with increasing load it switches automatically to the next largest weighing range [Max] and readout [d] and when the load is fully removed, the balance switches back to the lower range | | | | | | | | | |
| UID 600K-1DM | 300 \| 600 | 0,1 \| 0,2 | 2 \| 4 | 5 | 44 | **1280,–** | 965-230 | 158,– | 963-130 | 215,– |
| UID 1500K-1DM | 600 \| 1500 | 0,2 \| 0,5 | 4 \| 10 | 5 | 44 | **1260,–** | 965-230 | 158,– | 963-130 | 215,– |
| UID 3000K-0DM | 1500 \| 3000 | 0,5 \| 1 | 10 \| 20 | 5 | 44 | **1260,–** | 965-232 | 235,– | 963-132 | 580,– |

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.

**11**

**NEW**  **IoT ready**

**NEXT LEVEL** **Easy Touch** **FUNCTIONS**



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

## Features

- Thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations
- Display device: for details see KERN KFC-TM
- IoT line: networkable balances with user-friendly concept of operation, for details see KERN KFC-TM
- With Real Time Clock as standard: Enables you to log the weighing results with accurate time information. Even if the power supply is interrupted, the balance can continue to work with the correct time

- Load support: steel, powder coated, 4 load cells, alloy steel, silicone-coated, 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 palettes
- Totalising of weights and piece counts
- Protective working cover included with delivery

## Technical data

- Large backlit LCD display, digit height 48 mm
- Dimensions of display device W×D×H 220×145×65 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 YBA-A18S05, **€ 52,–**
- **1** Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07, **€ 170,–**
- Internal rechargeable battery pack, operating time up to 22 h without backlight, charging time approx. 8 h, KERN YKR-01, **€ 35,–**
- RS-232 interface adapter, KERN KUP-01, **€ 60,–**
- USB interface adapter, KERN KUP-03, **€ 75,–**
- Ethernet interface adapter, KERN KUP-04, **€ 115,–**
- WiFi interface adapter, KERN KUP-05, **€ 75,–**
- Bluetooth interface adapter, KERN KUP-06, **€ 99,–**
- Analogue module, KERN KUP-08, **€ 170,–**
- Extension box for connecting up to three interfaces in parallel, KERN KUP-13, **€ 75,–**
- Memory module (alibi memory), KERN YMM-04, **€ 80,–**
- **2** Signal lamp for visual support of weighing with tolerance range, KERN CFS-A03, **€ 310,–**
- Further details, plenty of further accessories and suitable printers see *Accessories*

STANDARD

| CAL EXT | KUP | KCP PROTOCOL | GLP INTERN | PCS | SUM | PERCENT | UNIT | TOL | MOVE | PT IP 67 | LC IP 67 | MULTI | DMS | 2 DAYS |

OPTION

| ET | RS 232 | USB | BT 4.0 | WIFI | ANALOG | LAN | ACCU | DAkkS +3 DAYS |

FACTORY

| ALIBI | M +3 DAYS |

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

| Model | Weighing capacity [Max] | Readability = Verification value [d] = [e] | Minimal load [Min] | Net weight approx. | Price excl. of VAT ex works | Options | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Verification | | DAkkS Calibr. Certificate | |
| | | | | | | M | | DAkkS | |
| KERN | kg | kg | kg | kg | € | KERN | € | KERN | € |
| UFC 600K-1M | 600 | 0,2 | 4 | 55 | **1250,–** | 965-230 | 158,– | 963-130 | 215,– |
| UFC 1.5T-4M | 1500 | 0,5 | 10 | 55 | **1270,–** | 965-230 | 158,– | 963-130 | 215,– |

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.

**11**

**NEW**

**IoT ready**

NEXT LEVEL
Easy Touch
FUNCTIONS


**1**
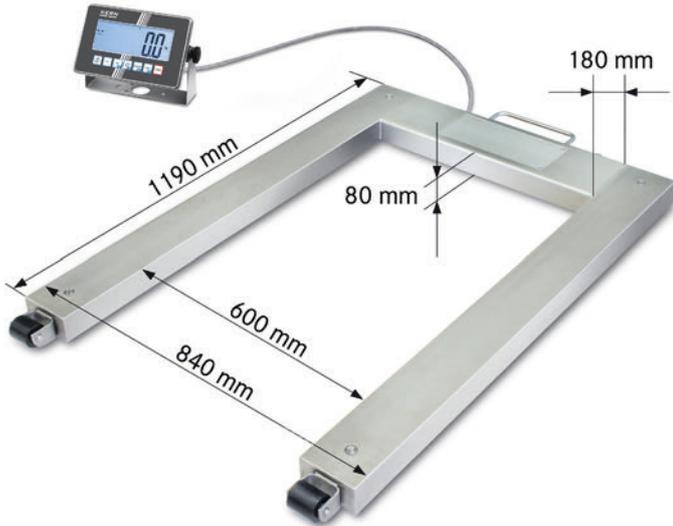
# Pallet scale with stainless steel load support (IP67) and stainless steel display device (IP68), verification optional

## Features

- Thanks to rechargeable battery operation, compact, lightweight construction, it is suitable for the use in several locations
- Load support: stainless steel, for details see KERN KFU-V30
- 4 silicone-coated steel load cells, IP67 dust and spray protection
- Ideal for the increased hygienic requirements in the food industries
- Your support in a HACCP-compliant quality system
- Display device: stainless steel, protection against dust and water splashes IP68, for details see KERN KXC-TM
- IoT line: networkable balances with user-friendly concept of operation
- The exchange of data and control commands is optional using up to four interfaces to suit individual requirements: two wired connections and two wireless connections, for details see KERN KXC-TM

- Available as an option with alibi memory for paperless archiving of weighing results. This also means the results of weighings with mandatory verification can be electronically evaluated and processed further
- Wall mount for display device, standard
- 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 helps with portioning, dispensing or grading
- Summation of weight values

## Technical data

- Large backlit LCD display, digit height 48 mm
- Dimensions of display device W×D×H 232×150×80 mm
- Permissible ambient temperature -10 °C/40 °C

## Accessories

- **1** Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07, **€ 170,–**
- Internal rechargeable battery pack, operating time up to 22 h without backlight, charging time approx. 8 h, KERN YKR-01, **€ 35,–**
- Memory module with real time clock (alibi memory), KERN YMM-06, **€ 160,–**
- Internal data interface RS-232, interface cable included, KERN KUM-01, **€ 120,–**
- Internal data interface USB, interface cable included, KERN KUM-03, **€ 120,–**
- Internal data interface Ethernet, interface cable included, KERN KUM-04, **€ 165,–**
- Internal data interface WiFi, KERN KUM-05, **€ 95,–**
- Internal data interface Bluetooth, KERN KUM-06, **€ 135,–**
- Analogue module, KERN KUM-08, **€ 145,–**
- Further details, plenty of further accessories and suitable printers see *Accessories*

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**STANDARD**

| CAL EXT | KCP PROTOCOL | GLP PRINTER | PCS | SUM | PERCENT | UNIT | TOL | MOVE | PT IP 67 | LC IP 67 | IND IP 68 | 230 V | DMS | 2 DAYS |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

YMM-06

**OPTION**

| ET | DAkkS +3 DAYS |
|---|---|

**FACTORY**

| ALIBI | RS 232 | USB | BT 4.0 | WIFI | ANALOG | LAN | ACCU | M +3 DAYS |
|---|---|---|---|---|---|---|---|---|

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

| Model | Weighing capacity [Max] | Readability = Verification value [d] = [e] | Minimal load [Min] | Cable length of display device approx. | Net weight approx. | Price excl. of VAT ex works | Options | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Verification | | DAkkS Calibr. Certificate | |
| KERN | kg | kg | kg | m | kg | € | M KERN | € | DAkkS KERN | € |
| **UXC 600K-1M** | 600 | 0,2 | 4 | 5 | 55 | **1870,–** | 965-230 | 158,– | 963-130 | 215,– |
| **UXC 1.5T-4M** | 1500 | 0,5 | 10 | 5 | 50 | **1890,–** | 965-230 | 158,– | 963-130 | 215,– |

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.

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

### Features

- Drive-through scales enable accurate weighing of goods during a production process, without having to unload them. In this way the weighing process can be perfectly integrated into the workflow and there is no significant loss of time. Ideal for rapid weighing of e.g. wire cage trolleys, shelf trolleys, container trolleys, storage trolleys, sack trucks, transpallets, mobile containers, containers refuse etc.
- Low platform height and integrated access ramps on both sides facilitate access
- Weighing bridge: Steel, powder coated, 4 silicon-coated aluminium load cells with protection against dust and water splashes to IP67
- **1** Level indicator to level the balance precisely
- **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 stand
- Protective working cover included with delivery
- **3** Our floor scales are delivered in a robust wooden box. This protects the high-quality weighing technology from environmental influences and stresses during transportation

### Technical data

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

### Accessories

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

**STANDARD**  |  **OPTION**

| CAL EXT | UNIT | MOVE | PT IP 67 | LC IP 67 | BATT | MULTI | DMS | 2 DAYS | DAkkS +3 DAYS |

| Model | Weighing capacity | Readability | Net weight approx. | Price excl. of VAT ex works | Options DAkkS Calibr. Certificate | |
|---|---|---|---|---|---|---|
| | | | | | DAkkS | |
| KERN | [Max] kg | [d] kg | kg | € | KERN | € |
| **NIB 300K-1** | 300 | 0,1 | 40 | **870,–** | 963-129 | 153,– |
| **NIB 600K-2** | 600 | 0,2 | 40 | **870,–** | 963-130 | 215,– |

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# Networkable drive-through scale (IP67), verification optional

## Features

- Drive-through scale for rapid weighing of e.g. wire cage trolleys, shelf trolleys, transpallets, mobile containers, containers refuse etc.
- Weighing bridge: out of anti-slip corrugated steel, 4 silicone-coated steel load cells, IP67 dust and spray protection
- Display device: for details see KERN KFC-TM
- IoT line: networkable balances with user-friend-ly concept of operation, for details see KERN KFC-TM
- With Real Time Clock as standard: Enables you to log the weighing results with accurate time information. Even if the power supply is interrupted, the balance can continue to work with the correct time
- Protective working cover included with delivery

## Technical data

- Large backlit LCD display, digit height 48 mm
- Dimensions weighing surface, steel, powder-coated
  A W×D 1000×1000 mm (Without ramps)
  B W×D 1200×1200 mm (Without ramps)
- Overall dimensions W×D×H
  A 1600×1220×95 mm
  B 1800×1420×95 mm
- Platform height in the drive-through area: 80 mm
- Dimensions of display device W×D×H 220×145×65 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 YBA-A18S05, **€ 52,–**
- Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07, **€ 170,–**
- Internal rechargeable battery pack, operating time up to 22 h without backlight, charging time approx. 8 h, KERN YKR-01, **€ 35,–**
- Pair of base plates to fix the weighing bridge to the floor, KERN BFS-A06N, **€ 80,–**
- RS-232 interface adapter, KERN KUP-01, **€ 60,–**
- USB interface adapter, KERN KUP-03, **€ 75,–**
- Ethernet interface adapter, KERN KUP-04, **€ 115,–**
- WiFi interface adapter, KERN KUP-05, **€ 75,–**
- Bluetooth interface adapter, KERN KUP-06, **€ 99,–**
- Analogue module, KERN KUP-08, **€ 170,–**
- Extension box for connecting up to three inter-faces in parallel, KERN KUP-13, **€ 75,–**
- Memory module (alibi memory), KERN YMM-04, **€ 80,–**
- ◼ Signal lamp for visual support of weighing with tolerance range, KERN CFS-A03, **€ 310,–**
- Further details, plenty of further accessories and suitable printers see *Accessories*

**11**

STANDARD

| CAL EXT | KUP | KCP PROTOCOL | GLP INTERN | PCS | SUM | PERCENT | UNIT | TOL | MOVE | PT IP 67 | LC IP 67 | MULTI | DMS | 2 DAYS |

OPTION

| ET | RS 232 | USB | BT 4.0 | WIFI | ANALOG | LAN | ACCU | DAkkS +3 DAYS |

FACTORY

| ALIBI | M +3 DAYS |

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

| Model KERN | Weighing capacity [Max] kg | Readability = Verification value [d] = [e] kg | Minimal load [Min] kg | Net weight approx. m | Weighing plate | Price excl. of VAT ex works € | Options | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Verification | | DAkkS Calibr. Certificate | |
| | | | | | | | M KERN | € | DAkkS KERN | € |
| NFC 600K-1M | 600 | 0,2 | 4 | 140 | A | 1910,– | 965-230 | 158,– | 963-130 | 215,– |
| NFC 600K-1LM | 600 | 0,2 | 4 | 165 | B | 2220,– | 965-230 | 158,– | 963-130 | 215,– |
| NFC 1.5T-4M | 1500 | 0,5 | 10 | 140 | A | 1910,– | 965-230 | 158,– | 963-130 | 215,– |
| NFC 1.5T-4LM | 1500 | 0,5 | 10 | 155 | B | 2220,– | 965-230 | 158,– | 963-130 | 215,– |

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.

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

NEW

IoT ready

NEXT LEVEL
Easy Touch
FUNCTIONS

1

# Stainless steel drive-through scale (IP67) with stainless steel display device (IP68), verification optional

## Features

- Robust stainless steel drive-through scale for rapid weighing of e.g. laundry carts, container trolleys, roller containers, etc.
- Ideal for the ever-increasing hygienic requirements in the food, pharmaceutical and chemical industries
- Your support in a HACCP-compliant quality system
- Weighing bridge: stainless steel, extremely resistant to bending due to material thickness, 4 welded stainless steel load cells, IP68 dust and spray protection
- Display device: stainless steel, protection against dust and water splashes IP68, for details see KERN KXC-TM
- IoT line: networkable balances with user-friendly concept of operation
- The exchange of data and control commands is optional using up to four interfaces to suit individual requirements: two wired connections and two wireless connections, for details see KERN KXC-TM
- Available as an option with alibi memory for paperless archiving of weighing results. This also means the results of weighings with mandatory verification can be electronically evaluated and processed further
- Wall mount for display device, standard

## Technical data

- Large backlit LCD display, digit height 48 mm
- Dimensions weighing surface, stainless steel, W×D 1000×1000 mm (Without ramps)
- Platform height in the drive-through area: 80 mm
- Overall dimensions W×D×H 1600×1220×95 mm
- Dimensions of display device W×D×H 232×150×80 mm
- Permissible ambient temperature -10 °C/40 °C

## Accessories

- ❶ Stand to elevate display device, height of stand approx. 1040 mm, KERN BFS-A07, **€ 170,–**
- Pair of base plates to fix the weighing bridge to the floor, KERN BFN-A03, **€ 95,–**
- Internal rechargeable battery pack, operating time up to 22 h without backlight, charging time approx. 8 h, must be ordered at purchase, KERN YKR-01, **€ 35,–**
- Memory module with real time clock (alibi memory), KERN YMM-06, **€ 160,–**
- Internal data interface RS-232, interface cable included, KERN KUM-01, **€ 120,–**
- Internal data interface USB, interface cable included, KERN KUM-03, **€ 120,–**
- Internal data interface Ethernet, interface cable included, KERN KUM-04, **€ 165,–**
- Internal data interface WiFi, KERN KUM-05, **€ 95,–**
- Internal data interface Bluetooth, KERN KUM-06, **€ 135,–**
- Analogue module, KERN KUM-08, **€ 145,–**
- Further details, plenty of further accessories and suitable printers see *Accessories*

**11**

STANDARD

| CAL EXT | KCP PROTOCOL | GLP PRINTER YMM-06 | PCS | SUM | PERCENT | UNIT | TOL | MOVE | PT IP 67 | IND IP 68 | LC IP 68 | 230 V | DMS | 2 DAYS |

OPTION

| ET | DAkkS +3 DAYS |

FACTORY

| ALIBI | RS 232 | USB | BT 4.0 | WIFI | ANALOG | LAN | ACCU | M +3 DAYS |

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

| Model | Weighing capacity [Max] | Readability = Verification value [d] = [e] | Minimal load [Min] | Cable length of display device approx. | Net weight approx. | Price excl. of VAT ex works | Options | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Verification | | DAkkS Calibr. Certificate | |
| | | | | | | | M Ⅲ | | DAkkS | |
| KERN | kg | kg | kg | m | kg | € | KERN | € | KERN | € |
| **NXC 600K-1M** | 600 | 0,2 | 4 | 5 | 105 | **3890,–** | 965-230 | 158,– | 963-130 | 215,– |
| **NXC 1.5T-4M** | 1500 | 0,5 | 10 | 5 | 105 | **3940,–** | 965-230 | 158,– | 963-130 | 215,– |

Note: For devices that require verification (conformity assessment according to NAWI 2014/31/EU), please include the verification when placing your order. The initial verification is not possible after delivery. Please inform the full address of the location of use for the initial verification.
Note: For verified scales the weighing bridge must be fixed to the floor. Optionally, with an access ramp, a footplate pair or a pit frame