Pallet scales KERN UFB · UFN



KERN UFB





KERN UFN

Robust pallet scale in two versions, suitable with EC-Type Approval [M]

Features

- High mobility: thanks to battery operation and compact, flat construction, it is suitable for use in several locations (production, warehouse, dispatch department,...)
- Sturdy handle for easy transportation of the scale
- Dynamic weighing: at the push of a button, a stable average weight is given when the environmental conditions are unstable or when weighing animals
- Weighing with tolerance range (check-weighing): Input of an upper/lower limit value. A visual and audible signal assists with portion division, dispensing or grading
- Totalizing of weights
- 1 Load cell steel, silicone-coated, IP67
- Load support solid steel construction, extremely resistant to bending

UFB:
- Display device KERN KFB-TM
- Weighing bridge lacquered steel, IP67

UFN:
- 2 Display device KERN KFN-TM, stainless steel, IP67
- Weighing bridge stainless steel, IP67

Options

- 3 Stand to elevate display device, height of stand approx. 750 mm, similar to illustration, **KERN BFS-A07**
- 4 Standard printer, **KERN YKB-01N**
- Label printer, **KERN YKL-01**
- 5 Statistics printer, **KERN YKT-01**
- 6 Statistics printer, **KERN YKS-01**

UFB:
- 7 Rechargeable battery pack internal, operating time approx. 35 h, charging time approx. 10 h, **KERN KFB-A01**

UFN:
- 8 Data interface RS 232, interface cable included, **KERN KFN-A01**

Technical data

- Large LCD display, digit height 52 mm
- Cable length of display device approx. 5 m
- Permissible ambient temperature 0°C / 40°C

UFB:
- Dimensions of display device WxDxH 250x160x58 mm

UFN:
- Dimensions of display device WxDxH 266x165x96 mm

- Dispatch complete on pallet. Please ask for dimensions, gross weight, shipping costs

STANDARD: RS 232 (only UFB); GLP PROTOCOL (4 5 6); TOL; IP 67 (1 2); MOVE; INOX (only UFN); ACCU (only UFN); 230 V; DMS

FACTORY: ACCU (7); RS 232 (8)

STANDARD: 2 DAYS; 3 YEARS GUARANTY

OPTION: DKD +3 DAYS

FACTORY: M +3 DAYS

Model KERN	Weighing range [Max] kg	Read-out [d] g	Verific. value [e] g	Minimum load [Min] kg	Net weight approx. kg		Options: Verification M III KERN		Options: DKD Calibr. Certificate DKD KERN	
UFB 600K200M	600	200	200	4	43		965-230		963-130	
UFB 1.5T0.5M	1500	500	500	10	43		965-230		963-130	
stainless steel										
UFN 600K200IPM	600	200	200	4	46		965-230		963-130	
UFN 1.5T0.5IPM	1500	500	500	10	46		965-230		963-130	

Note: For applications that require verification, please order verification at the same time, initial verification at a later date is not possible.
For the verification at the factory, we need to know the full address of the location of use.

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KERN Pictograms

Internal adjusting (CAL): Quick setting of the balance's accuracy with internal adjusting weight (motordriven).

Adjusting program (CAL): For quick setting of the balance's accuracy. External adjusting weight required.

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

Rechargeable battery pack: rechargeable set.

Power supply: integrated in balance. 230V/50Hz in Germany. On request GB or USA version.

Mains adapter: 230V/50Hz in standard version for Germany. On request GB or USA version.

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

Piece counting: Reference quantities selectable. Display can be switched from piece to weight

Spray and dust protection IPxx The type of protection is shown by the pictogram. For details see the glossary.

Data interface: The type of interface is shown by the pictogram. See the glossary for further details.

GLP/ISO record keeping of weighing data with date, time and identification-no. Only with printers from KERN.

Tare: put back displayed value to "0" during weighing process, e.g. to add or remove weighing material from a container.

Animal weighing program: Strong vibrations are filtered out to determine a stable weighing result.

Stainless steel: the balance is protected against corrosion.

Warranty: The warranty period is shown in the pictogram.

Net-total weighing: weight of tare cup and weight of components memorized in two separate stores.

Suspended weighing: load support with hook on the underside of the balance.

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

Percentage determination: Displays the deviation from the reference weight (100%) in % instead of grams.

Weighing with tolerance range: Upper and lower limiting can be programmed individually, e.g. dosing/sorting.

DKD calibration possible. The time required for DKD calibration is specified in the pictogram.

Package shipment via courier.

Pallet shipment via freight forwarder.

[DMS] For details on weighing technologies, see the glossary.

Precision is our business

To ensure the high level of precision of your balance, KERN offers the appropriate test weight package for your balance. This consists of the test weight, box and DKD calibration certificate, as proof of its accuracy. The best way to ensure proper balance calibration.

In the extensive KERN test weight range, you will find test weights in the international OIML error limit classes: E1, E2, F1, F2, M1, M2, and M3 with weights from 1 mg to 2000 kg.

The KERN DKD calibration laboratory for electronic balances and weights has been accredited by DKD since 1994 and today is one of the most modern and best-equipped DKD calibration laboratories for balances, test weights and force-measurement in Europe.
(DKD = German Calibration Service)

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

Range of services:

- DKD calibration of balances with a maximum load of up to 6 t
- DKD calibration of weights in the range of 1 mg – 500 kg
- Database supported management of checking equipment and reminder service
- Calibration of force-measuring devices
- DKD calibration certificates in the following languages D, GB, F, I, E, NL, PL

Do you have questions about your scale, the corresponsing test weight or the calibration service ? Your KERN specialist dealer will be pleased to assist you.

Your KERN specialist dealer:

KERN – Professional measuring. Measuring technology and testing services from a single source

DKD-K-11801

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