



NEW



Application examples

- retail shops
- market places
- farm shops
- pick your own fruit and vegetable sales

Note: Official verification duty for commercial trade

High-quality retail scale with large item memory, user-friendly handling and EC type approval [M]

Features

- **1** KERN RIB-H: **Elevated display backlight**, revolving on column, height of stand approx. 530 mm, must be ordered at purchase
- **2** **Second display** on the rear of the balance
- **Three displays** for weight display (verifiable), reference weight, total weight
- **20 Direct price keys** for frequently recurring article prices
- **Energy management:** Backlight turns off after 5 sec
- **Soil-resistant construction** through water channels at the frame of the housing and sealing rings over the upper housing inlets

Technical data

- Large backlit LCD displays, digit height 18 mm
- Dimensions weighing surface, stainless steel, WxD 294x225 mm
- Overall dimensions WxDxH
RIB: 340x326x116 mm
RIB-H: 325x400x400 mm
- Net weight
RIB-M: approx. 3,2 kg
RIB-HM: approx. 3,8 kg
- Permissible ambient temperature -10 °C/40 °C

Accessories








































- **Protective working cover**, standard, can be re-ordered, scope of delivery: 5 items, KERN RIB-A01S05
- **Rechargeable battery pack internal**, operating time up to 80 h without backlight, charging time approx. 14 h, KERN GAB-A04
- **Tare pan made of stainless steel**, ideal for weighing loose small parts, fruit, vegetables etc., WxDxH 370x240x20 mm, KERN RFS-A02

STANDARD							OPTION		FACTORY
CAL EXT	MEMORY	UNIT	230 V	DMS	1 DAY	2 YEARS WARRANTY	ACCU	+3 DAYS	+3 DAYS

Model	Weighing range [Max] kg	Readout [d] g	Verification value [e] g	Minimum load [Min] g	Options			
					Verification KERN	DAkkS Calibr. Certificate KERN		
Dual-range balance switches automatically to the next largest weighing range [Max] and readout [d].								
RIB 6K-3M	3 6	1 2	1 2	20 40	965-228		963-128	
RIB 10K-3M	6 15	2 5	2 5	40 100	965-228		963-128	
RIB 30K-2M	15 30	5 10	5 10	100 200	965-228		963-128	
with elevated display								
RIB 6K-3HM	3 6	1 2	1 2	20 40	965-228		963-128	
RIB 10K-3HM	6 15	2 5	2 5	40 100	965-228		963-128	
RIB 30K-2HM	15 30	5 10	5 10	100 200	965-228		963-128	

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.

KERN Pictograms:

 Internal adjusting: Quick setting up of the balance's accuracy with internal adjusting weight (motordriven).	 Piece counting: Reference quantities selectable. Display can be switched from piece to weight.	 Rechargeable battery pack: Rechargeable set.
 Adjusting program CAL: For quick setting up of the balance's accuracy. External adjusting weight required.	 Recipe level A: Separate memory for the weight of the tare container and the recipe ingredients (net total).	 Universal mains adapter: with universal input and optional input socket adapters for A) EU, GB B) EU, GB, CH, USA C) EU, GB, CH, USA, AUS
 Memory: Balance memory capacity, e.g. for article data, weighing data, tare weights, PLU etc.	 Recipe level B: Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through display.	 Mains adapter: 230V/50Hz in standard version for EU. On request GB, USA or AUS version available.
 Alibi memory: Electronic archiving of weighing results, complying with the 2014/31/EU standard.	 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.	 Power supply: Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, USA or AUS on request.
 Data interface RS-232: To connect the balance to a printer, PC or network.	 Totalising level A: The weights of similar items can be added together and the total can be printed out.	 Weighing principle: Strain gauge Electrical resistor on an elastic deforming body.
 RS-485 data interface: To connect the balance to a printer, PC or other peripherals. High tolerance against electromagnetic disturbance.	 Percentage determination: Determining the deviation in % from the target value (100 %).	 Weighing principle: Tuning fork A resonating body is electromagnetically excited, causing it to oscillate.
 USB data interface: To connect the balance to a printer, PC or other peripherals.	 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.	 Weighing principle: Electromagnetic force compensation Coil inside a permanent magnet. For the most accurate weighings.
 Bluetooth* data interface: To transfer data from the balance to a printer, PC or other peripherals.	 Weighing with tolerance range: Upper and lower limiting values can be programmed individually for e.g. dosing, sorting and portioning.	 Weighing principle: Single cell technology Advanced version of the force compensation principle with the highest level of precision.
 WLAN data interface: To transfer data from the balance to a printer, PC or other peripherals.	 Hold function: (Animal weighing program) When the weighing conditions are unstable, a stable weight is calculated as an average value.	 Verification possible: The time required for verification is specified in the pictogram.
 Control outputs (optocoupler, digital I/O): To connect relays, signal lamps, valves, etc.	 Protection against dust and water splashes IPxx: The type of protection is shown in the pictogram.	 DAkKS calibration possible (DKD): The time required for DAkKS calibration is shown in days in the pictogram.
 Interface for second balance: For direct connection of a second balance.	 ATEX explosion protection: Suitable for use in hazardous industrial environments, in which there is explosion danger. The ATEX marking is specified for each device.	 Package shipment: The time required for internal shipping preparations is shown in days in the pictogram.
 Network interface: For connecting the scale to an Ethernet network. With KERN products you can use a universal RS-232/LAN converter.	 Stainless steel: The balance is protected against corrosion.	 Pallet shipment: The time required for internal shipping preparations is shown in days in the pictogram.
 Wireless data transfer: between the weighing unit and the evaluation unit using an integrated radio module.	 Suspended weighing: Load support with hook on the underside of the balance.	 Warranty: The warranty period is shown in the pictogram.
 GLP/ISO log: The balance displays the weight, date and time, regardless of a printer connection.	 Battery operation: Ready for battery operation. The battery type is specified for each device.	
 GLP/ISO log: With weight, date and time. Only with KERN printers.		

KERN – Precision is our business

To ensure the high precision of your balance KERN offers you the the appropriate test weight in the international OIML error limit classes E1-M3 from 1 mg - 2500 kg. In combination with a DAkKS calibration certificate the best pre-requisite for proper balance calibration.

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

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

Range of services:

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

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