



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

Features

- **Suitable for the ever-increasing hygienic requirements in the food industry**
- **1 IP65:** Protected against dust and water splashes (only when using rechargeable battery pack)
- Weighing plate stainless steel, removable, for easy cleaning
- Your support in an **HACCP**-compliant quality system
- **2 Second display** on the rear of the balance
- **3 Innovative weighing with tolerance range (Checkweighing):** The colour of the display changes depending on the weight (too light/ok/too heavy) and is an aid to help with portioning, dosing and grading

- **High mobility** thanks to its rechargeable batteries (optional) and low weight
- **Recessed grips on the underside** of the scale for easy transportation

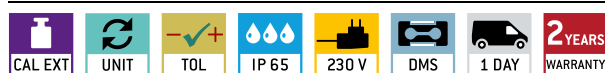
Technical data

- Large backlit LCD display, digit height 25 mm
- Weighing plate dimensions WxD 260x200 mm
- Overall dimensions WxDxH 286x316x126.5 mm
- Net weight approx. 3,2 kg
- Permissible ambient temperature -10 °C / 40 °C

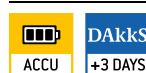
Accessories

- **Protective working cover** over keyboard and housing, can be retrofitted, KERN RFB-A01
- **Rechargeable battery pack internal**, operating time up to 50 h, charging time approx. 12 h, can be retrofitted, KERN WTB-A01N
- **4 Tare pan made of stainless steel**, ideal for weighing loose fruit and vegetables, WxDxH 370x240x20 mm, KERN RFS-A02
- **Sturdy transport case** to protect and store the scale, dimensions WxDxH 510x360x220 mm, KERN RFB-A02

STANDARD



OPTION











































FACTORY



Model	Weighing range [Max] kg	Readout [d] g	Verification value [e] g	Minimum load [Min] g	Options			
					Verification		DAkkS-Calibr. Certificate	
					M KERN		DAkkS KERN	
KERN								
WTB 1K-4N	1,5	0,2	-	-	-		963-127	
WTB 3K-4N	3	0,5	-	-	-		963-127	
WTB 6K-3N	6	1	-	-	-		963-128	
WTB 10K-3N	15	2	-	-	-		963-128	
WTB 30K-3N	30	5	-	-	-		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.								
WTB 1K-4NM	1,5	0,5	0,5	10	965-227		963-127	
WTB 3K-3NM	3	1	1	20	965-227		963-127	
WTB 6K-3NM	6	2	2	40	965-228		963-128	
WTB 10K-3NM	15	5	5	100	965-228		963-128	
WTB 30K-2NM	30	10	10	200	965-228		963-128	

NEW New model

KERN Pictograms

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

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 - 2000 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.

Your KERN specialist dealer:

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 6 t
- DAKkS 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
- DAKkS calibration certificates in the following languages D, GB, F, I, E, NL