

Price computing scale KERN RFE



Compact portion scale with 2 XXL displays – weight, unit price, total price and TARE value at a glance

Application examples

- cafeterias, restaurants, Motorway service stations
- retail shops
- weekly markets
- farm shops
- pick your own fruit and vegetable sales

Note: Official verification is mandatory for commercial trade.

Features

- Ideal as a salad scale, sweet scale, check-weigher, portion scale or zero-waste scale: Shopping without plastic or packaging waste in packaging-free supermarkets
- Large LCD display with four displays for weight display (verifiable), unit price, total price and stored TARE or PRE-TARE value
- TARE value display: this shows a TARE or PRE-TARE value stored in a PLU, which enables this value to be stored in a legally binding way in accordance with the Weights and Measures Act
- **1** Second display on the back of the balance
- **2** Column to elevate the display as standard, can be easily fitted or removed by the user. The power cable for the second display can be stored in the folding column which is hygienic and gives a tidy appearance. Height of stand approx. 395 mm

- **3** Thanks to easily-understandable, universal symbols e.g. for weight, piece weight, total price this balance can also be understood and operated easily all over the world
- 4 direct price keys for frequently recurring article prices
- Memory (PLU) for 100 article prices
- Article description can be entered, displayed and printed in plain text
- Unit price can be switched from €/kg to €/100 g
- Auto-clear-key: Unit price entry is automatically set to zero when scale is unloaded
- Up to three headers and footers of the printout can be programmed directly on the balance
- High mobility: thanks to rechargeable battery operation (optional), compact, lightweight construction, it is suitable for the use in several locations
- Recessed grips on the underside of the scale for easy transportation

Technical data

- Large backlit LCD displays, digit height 20 mm
- Weighing plate dimensions, stainless steel, WxD 230x300 mm
- Overall dimensions WxDxH 320x450x130 mm 320x450x410 mm (incl. stand)
- Net weight approx. 4,2 kg
- Permissible ambient temperature -10 °C/40 °C

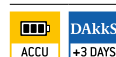
Accessories

- Affordable universal label printer to print out weights on thermal labels. ASCII-capable. Convenient Auto-Forward function to automatically jump from label to label (only with KERN standard labels), KERN YKE-01
- Internal rechargeable battery pack, operating time up to 30 h with backlight, charging time approx. 12 h, KERN GAB-A04

STANDARD



OPTION



FACTORY



| Model | Weighing capacity [Max] kg | Readability [d] g | Verification value [e] g | Minimal load [Min] g | Option | |
|---|----------------------------------|-------------------------|--------------------------------|----------------------------|-------------------|------------------------------------|
| | | | | | Verification M | DAkkS Calibr. Certificate DAKKS |
| Multi-division balance, with increasing or decreasing load, it switches automatically to the next largest or smallest weighing range [Max] and readout [d]. | | | | | | |
| RFE 6K3M | 3 6 | 1 2 | 1 2 | 20 | 965-228 | 963-128 |
| RFE 15K3M | 6 15 | 2 5 | 2 5 | 40 | 965-228 | 963-128 |
| RFE 30K3M | 15 30 | 5 10 | 5 10 | 100 | 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.

- 
Internal adjusting:
 Quick setting up of the balance's accuracy with internal adjusting weight (motordriven)
- 
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 or tablet.
- 
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.
- 
KERN Universal Port (KUP):
 allows the connection of external KUP interface adapters, e.g. RS-232, RS-485, SB, Bluetooth, WLAN, Analogue, Ethernet etc. for the exchange of data and control commands, without installation effort
- 
Data interface RS-232:
 To connect the balance to a printer, PC or network
- 
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
- 
WiFi 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
- 
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
- 
GLP/ISO log:
 The balance displays weight, date and time, independent of a printer connection
- 
GLP/ISO log:
 With weight, date and time. Only with KERN printers.
- 
Piece counting:
 Reference quantities selectable. Display can be switched from piece to weight
- 
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
- 
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. See balance model. Please refer to KERN's website for more details
- 
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
- 
Hold function:
 (Animal weighing program) When the weighing conditions are unstable, a stable weight is calculated as an average value
- 
Protection against dust and water splashes IPxx:
 The type of protection is shown in the pictogram.
- 
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
- 
Universal plug-in power supply:
 with universal input and optional input socket adapters for
 A) EU, CH, GB
 B) EU, CH, GB, USA
 C) EU, CH, GB, USA, AUS
- 
Plug-in power supply:
 230V/50Hz in standard version for EU, CH. On request GB, USA or AUS version available
- 
Integrated power supply unit:
 Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, USA or AUS on request
- 
Weighing principle: Strain gauges
 Electrical resistor on an elastic deforming body
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Weighing principle: Tuning fork
 A resonating body is electromagnetically excited, causing it to oscillate
- 
Weighing principle: Electromagnetic force compensation
 Coil inside a permanent magnet. For the most accurate weighings
- 
Weighing principle: Single cell technology:
 Advanced version of the force compensation principle with the highest level of precision
- 
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
- 
Factory calibration (ISO):
 The time required for Factory 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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