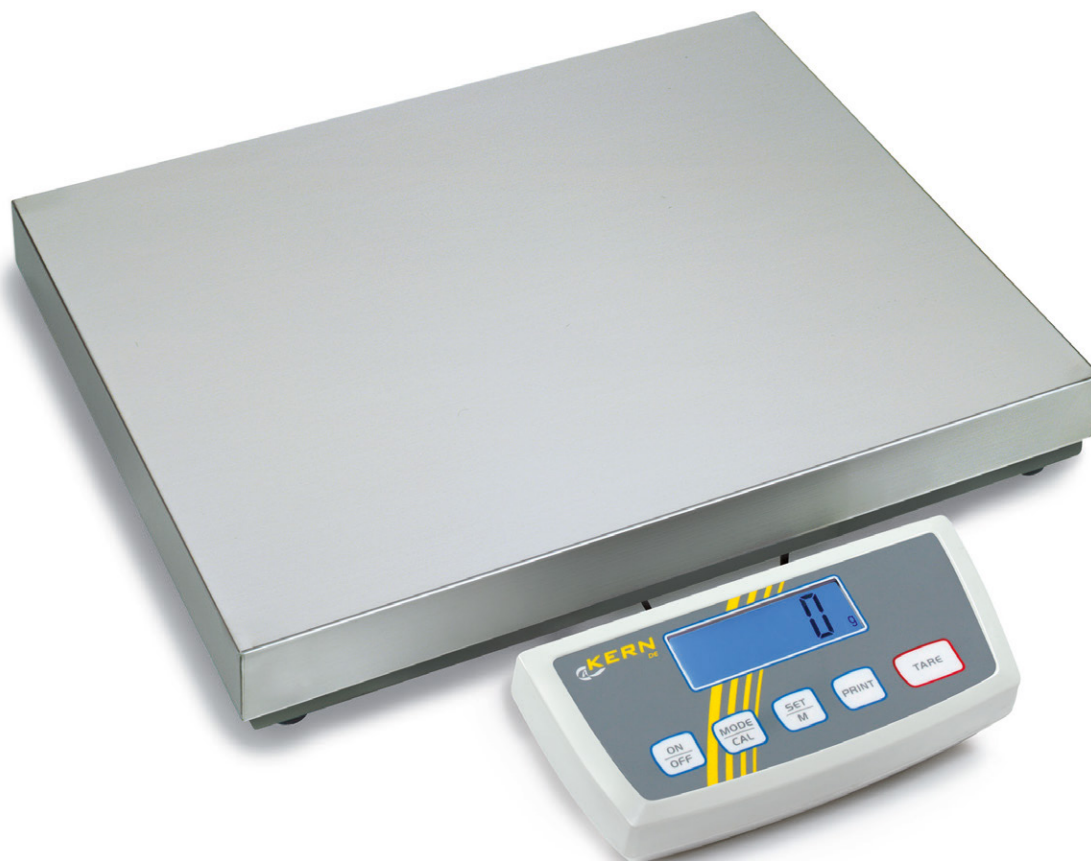


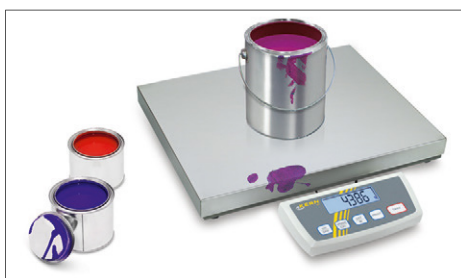
Parcel scale KERN DE-D



The long-time success story with dust and spray protected display device



Piece counting



Recipe weighing



Animal weighing

Features

- **High mobility:** Battery or rechargeable battery (optional) operation, compact and flat construction and low weight make this scale ideal for the use in several locations (production, warehouse, dispatch department ecc.)
- **Flexible positioning of display device:** e.g. free-standing or mounted to the wall (optional)

- **IP65 indicator.** Protected against dust and spray (only when using battery or rechargeable battery pack)
- **Stainless steel weighing plate,** painted steel base
- **PRE-TARE function** for manual subtraction of a known container weight, useful for checking fill-levels
- With the **recipe function** you can weigh the different ingredients of a mixture. As a check, you can also call up the total weight of all the ingredients

- Freely programmable weighing unit, e.g. display direct in special units such as length of wire g/m, surface weight g/m², or else

Parcel scale KERN DE-D



Technical data

- Large backlit LCD display, digit height 25 mm
- Weighing plate dimensions stainless steel WxDxH
 - A 318x308x75 mm
 - B 318x308x85 mm
 - C 522x406x100 mm
 - D 522x403x90 mm, see enlarged picture
 - E 650x500x105 mm
- Dimensions of display device WxDxH 225x110x45 mm
- Optional battery operation, 9 V Block, not included
- Permissible ambient temperature 5 °C / 35 °C

Accessories

- **Protective working cover** over the display device, standard, can be retrofitted, KERN DE-A12
- **Rechargeable battery pack internal**, operating time up to 15 h, charging time approx. 10 h, can be retrofitted, KERN NDE-A02
- **Mount** to fasten the display device to the platform, can be retrofitted, KERN DE-A11N
- **Wall mount** for display device, can be retrofitted, KERN DE-A13
- **Stand** to elevate display device, can be retrofitted, height of stand approx. 480 mm, KERN DE-A10

- **Individual header data:** the free software KERN SHM-01 can be used to set-up 4 header lines on the printout for printers YKN-01 and YKB-01N
- **Suitable printers** and an extensive accessories range see page 157 ff.

STANDARD











































OPTION



1

Model KERN	Weighing range [Max] kg	Readout [d] g	Reproducibility g	Linearity g	Min. piece weight [Counting] g/piece	Cable length approx. m	Net weight approx. kg	Weighing plate	Option DAkkS Calibr. Certificate	
									DAkkS KERN	
Dual-range balance switches automatically to the next largest weighing range [Max] and readout [d].										
DE 6K1D	3 6	1 2	1 2	± 3 ± 6	4	1,4	4	A		963-128
DE 15K2D	6 15	2 5	2 5	± 6 ± 15	10	1,4	4	A		963-128
DE 35K5D	15 35	5 10	5 10	± 15 ± 30	10	1,4	4	A		963-128
DE 35K5DL	15 35	5 10	5 10	± 15 ± 30	10	1,4	16	D		963-128
DE 60K10D	30 60	10 20	10 20	± 30 ± 60	20	1,4	4	A		963-129
DE 60K10DL	30 60	10 20	10 20	± 30 ± 60	20	1,4	16	D		963-129
DE 150K20D	60 150	20 50	20 50	± 60 ± 150	40	1,4	4	A		963-129
DE 150K20DL	60 150	20 50	20 50	± 60 ± 150	40	1,4	16	D		963-129
DE 150K20DXL	60 150	20 50	20 50	± 60 ± 150	40	1,4	28	E		963-129
DE 300K50D	150 300	50 100	50 100	± 150 ± 300	200	1,4	16	D		963-129
DE 300K50DL	150 300	50 100	50 100	± 150 ± 300	200	1,4	28	E		963-129
Dual-range scale with high-resolution display										
DE 6K0.5A	6	0,5	0,5	± 1,5	1	1,4	4	A		963-128
DE 12K1A	12	1	1	± 3	2	1,4	4	A		963-128
DE 24K2A	24	2	2	± 6	4	1,4	4	A		963-128
DE 60K5A	60	5	5	± 15	10	1,4	4	A		963-129
DE 120K10A	120	10	10	± 30	20	1,4	4	A		963-129
DE 15K0.2D	6 15	0,2 0,5	0,2 0,5	± 0,8 ± 2	0,4	1	4	B		963-128
DE 35K0.5D	15 35	0,5 1	0,5 1	± 2 ± 4	1	1	4	B		963-128
DE 60K1D	30 60	1 2	1 2	± 4 ± 8	2	1	4	B		963-129
DE 60K1DL	30 60	1 2	1 2	± 4 ± 8	2	1,4	16	C		963-129
DE 150K2D	60 150	2 5	2 5	± 8 ± 20	4	1	4	B		963-129
DE 150K2DL	60 150	2 5	2 5	± 8 ± 20	4	1,4	16	C		963-129
DE 300K5DL	150 300	5 10	5 10	± 20 ± 40	10	1,4	16	C		963-129

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.	 Totalising level A: The weights of similar items can be added together and the total can be printed out.	 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 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.	 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.	 Strain gauges: Electrical resistor on an elastic deforming body.	 Tuning fork principle: A resonating body is electromagnetically excited, causing it to oscillate.
 Bluetooth 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.
 WLAN data interface: To transfer data from 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.	 Single cell technology: Advanced version of the force compensation principle with the highest level of precision.
 Control outputs (optocoupler, digital I/O): To connect relays, signal lamps, valves, etc.	 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.
 Interface for second balance: For direct connection of a second balance.	 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.
 Network interface: For connecting the scale to an Ethernet network. With KERN products you can use a universal RS-232/LAN converter.	 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: The balance displays the weight, date and time, regardless of a printer connection.	 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.
 GLP/ISO log: With weight, date and time. Only with KERN printers, see "Accessories"	 Stainless steel: The balance is protected against corrosion.	 Warranty: The warranty period is shown in the pictogram.
 Piece counting: Reference quantities selectable. Display can be switched from piece to weight.		

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