

## Platform scale KERN DE-D



### Multi-functional scale with IP65 display!

#### Features

- **High mobility:** Battery operation/rechargeable battery pack (optional), compact, flat construction and low weight make this balance ideal for use in several locations (production, warehouse, dispatch department, ...)
- **Flexible positioning of display device:** eg. free-standing or mounted to the wall (optional)
- **6 Display device: IP65.** Protected against dust and water splashes (only when using battery or rechargeable battery pack)
- **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 recall the total weight of all the ingredients
- **Freely programmable weighing unit,** e.g. display directly in special units such as length of thread g/m, paper weight g/m<sup>2</sup>, or similar
- **UNITS:** Further weighing units see the internet

# Platform scale KERN DE-D



## Technical data

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

## Options

- **Protective working cover** over the display device, standard, can be reordered, KERN DE-A12
- **Rechargeable battery pack internal**, operating time approx. 15 h, charging time approx. 10 h, KERN NDE-A02
- **Mount** to fasten the display device to the platform, KERN DE-A11
- **Wall mount** for display device, KERN DE-A13

- **1 Stand** to elevate display device, height of stand approx. 450 mm, KERN DE-A10
- **3 Matrix needle printer**, KERN 911-013
- **4 Thermal printer**, KERN YKB-01N
- **5 Statistics printer**, KERN YKS-01
- **Individual header data:** the free software KERN SHM-01 can be used to print 4 header lines on the printout for printers 911-013 and YKB-01N

For additional information on the printers see page 124

## STANDARD



## OPTION



## STANDARD



## OPTION



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Model	Weighing range [Max] kg	Read-out [d] g	Reproducibility g	Linearity g	Min. piece weight [PW min] g/piece	Cable length approx. m	Net weight approx. kg	Weighing plate	Option	
									DKD	KERN
Dual-range balance (D=Dual): switches from readout d1 to readout d2 automatically										
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	100	1,4	16	D		963-129
DE 300K50DL	150   300	50   100	50   100	± 150   ± 300	200	1,4	28	E		963-129
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

 <b>Internal adjusting (CAL):</b> Quick setting of the balance's accuracy with internal adjusting weight (motordriven).	 <b>Adjusting program (CAL):</b> For quick setting of the balance's accuracy. External adjusting weight required.	 <b>Weighing units:</b> 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.
 <b>Rechargeable battery pack:</b> rechargeable set.	 <b>Power supply:</b> integrated in balance. 230V/50Hz in Germany. On request GB, AUS or USA version.	 <b>Mains adapter:</b> 230V/50Hz in standard version for Germany. On request GB, AUS or USA version.
 <b>Battery operation:</b> The battery type is specified for each device.	 <b>Piece counting:</b> Reference quantities selectable. Display can be switched from piece to weight	 <b>Spray and dust protection IPxx</b> The type of protection is shown by the pictogram. For details see the glossary.
 <b>Data interface:</b> The type of interface is shown by the pictogram. See the glossary for further details.	 <b>GLP/ISO record keeping</b> of weighing data with date, time and identification-no. Only with printers from KERN.	 <b>Tare:</b> put back displayed value to "0" during weighing process, e.g. to add or remove weighing material from a container.
 <b>Dynamic weighing:</b> Strong vibrations are filtered out to determine a stable weighing result.	 <b>Stainless steel:</b> the balance is protected against corrosion.	 <b>Warranty:</b> The warranty period is shown in the pictogram.
 <b>Net-total weighing:</b> weight of tare cup and weight of components memorized in two separate stores.	 <b>Suspended weighing:</b> load support with hook on the underside of the balance.	 <b>Verification possible:</b> The time required for verification is specified in the pictogram.
 <b>Percentage determination:</b> Determining the deviation in % from the target value (100%).	 <b>Weighing with tolerance range:</b> Upper and lower limiting can be programmed individually, e.g. dosing/sorting.	 <b>DKD calibration possible:</b> The time required for DKD calibration is specified in the pictogram.
 <b>Package shipment</b> via courier.	 <b>Pallet shipment</b> via freight forwarder.	<b>[DMS]</b> 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 6000 kg
- 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 corresponding 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**



German Excellence Group  
Member