

Platform scale KERN DS



- Dimensions of display device WxDxH
225x115x60 mm
- Permissible ambient temperature 10°C / 40°C

Options

- **Protective working cover** over the display device, standard, can be reordered, KERN DE-A12
- **Stand** to elevate display device, height of stand approx. 480 mm, KERN DE-A10
- **Mount** to fasten the display device to the platform, KERN DE-A11
- **Wall mount** for display device, KERN DS-A02
- **Set for underfloor weighing**, for models with weighing plate sizes **B**, KERN DS-A01
- **Rechargeable battery pack external**, operating time approx. 10 h, charging time approx. 10 h, KERN KS-A01
- **Rechargeable battery pack internal**, operating time approx. 10 h, charging time approx. 10 h, KERN KB-A01N
- **Matrix needle printer**, KERN 911-013
- **Thermal printer**, KERN YKB-01N
- **Statistics printer**, KERN YKS-01

Industrial scale with laboratory accuracy, also with EC-Type Approval [M]

Features

- **User guidance step by step** through Yes/No dialogue on the display
- **Numerical subtraction of tare weight** for known container weight. Useful for checking fill-levels
- **Precise counting**: The automatic optimisation of reference weight gradually improves the average value of the piece weight
- **Particularly wide range of applications**: triple

range balances KERN DS-TM. Details page 52

Technical data

- Backlit LCD display, digit height 18 mm
- Dimensions of weighing plate (stainless steel)
 - A** 228x228x70 mm
 - B** 308x318x75 mm, see larger picture
 - C** 450x350x115 mm

STANDARD



OPTION



STANDARD



OPTION



FACTORY


























only DS-M

Model	Weighing range [Max] kg	Readout [d] g	Verification value [e] g	Reproducibility g	Linearity g	Min. piece weight [PW min] g/piece	Net weight approx. kg	Cable length approx. m	Weighing plate	Options		
										Verification		DKD Calibr. Certificate
										M	KERN	
DS 3K0.01S	3,1	0,01	-	0,02	± 0,05	0,01	5,1	2	A	-	-	963-127
DS 5K0.05S	5,1	0,05	-	0,05	± 0,15	0,05	5,1	2	A	-	-	963-128
DS 8K0.05	8,1	0,05	-	0,05	± 0,15	0,05	7,5	2	B	-	-	963-128
DS 10K0.1S	10,1	0,1	-	0,1	± 0,3	0,1	4,5	2	A	-	-	963-128
DS 16K0.1	16,1	0,1	-	0,1	± 0,3	0,1	7,5	2	B	-	-	963-128
DS 20K0.1	20,1	0,1	-	0,1	± 0,3	0,1	7,5	2	B	-	-	963-128
DS 30K0.1	30,1	0,1	-	0,1	± 0,3	0,1	7,5	2	B	-	-	963-128
DS 30K0.1L	30,1	0,1	-	0,1	± 0,3	0,1	9,5	0,7	C	-	-	963-128
DS 36K0.2	36,1	0,2	-	0,2	± 0,6	0,2	7,5	2	B	-	-	963-128
DS 36K0.2L	36,1	0,2	-	0,2	± 0,6	0,2	9,5	0,7	C	-	-	963-128
DS 60K0.2	60,1	0,2	-	0,2	± 0,6	0,2	9,5	0,7	C	-	-	963-129
DS 65K0.5	65,1	0,5	-	0,5	± 1,5	0,5	9,5	0,7	C	-	-	963-129
DS 100K0.5	101	0,5	-	0,5	± 1,5	0,5	9,5	0,7	C	-	-	963-129
DS 150K1	151	1	-	1	± 3	1	9,5	0,7	C	-	-	963-129
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.												
DS 15K0.1M	15	0,1	1	0,1	± 0,3	0,1	7,5	2	B	-	-	963-128
DS 50K1TM	10 20 50	1 2 5	1 2 5	0,5 1 2,5	±0,5 ±1 ±2,5	1	9,5	0,7	C	950-128	III	963-128
DS 65K1M	65	1	10	1	± 2	1	9,5	0,7	C	950-118	II	963-129
DS 150K1M	150	1	10	2	± 3	1	9,5	0,7	C	-	-	963-129

■ Price reduction

KERN Pictograms

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