



Easy to use industrial counting scale for heavy loads, counting resolution up to 300,000 points

Features

- Self-explanatory graphic control panel. Even without operating instructions, the counting process can be understood immediately
 - No learning time = reduces costs
 - Ideal for untrained users
 - Visualised process means that operating errors are avoided
- Precise counting: The automatic optimisation of reference weight gradually improves the average value of the piece weight

Technical data

- Backlit LCD display, digit height 18 mm
- Dimensions of weighing plate (stainless steel) WxDxH
 - A 308x318x75 mm
 - B 450x350x115 mm
- Dimensions of display device WxDxH 225x115x60 mm
- Permissible ambient temperature 10 °C / 40 °C

Accessories

- Protective working cover over the display device, standard, can be reordered, KERN DE-A12

- Wall mount for display device, KERN DS-A02
- Mount to fasten the display device to the platform, KERN DE-A11N
- Stand to elevate display device, height of stand approx. 450 mm, KERN DE-A10
- Rechargeable battery pack external, operating time up to 15 h, charging time approx. 10 h, KERN KS-A01
- Rechargeable battery pack internal, operating time up to 15 h, charging time approx. 10 h, can be reordered, KERN KB-A01N
- Suitable printers see page 130

STANDARD

































OPTION



only A

Model	Weighing range [Max] kg	Read-out [d] g	Min. piece weight [PW min] g/piece	Counting resolution Points	Net weight approx. kg	Cable Length approx. m	Weighing plate	Option DKD Calibr. Certificate	
								DKD KERN	
KERN CDS 8K0.05	8	0,05	0,05	162.000	7,5	2	A	963-128	
CDS 15K0.05	15	0,05	0,05	302.000	7,5	2	A	963-128	
CDS 16K0.1	16	0,1	0,1	161.000	7,5	2	A	963-128	
CDS 30K0.1	30	0,1	0,1	301.000	7,5	2	A	963-128	
CDS 30K0.1L	30	0,1	0,1	301.000	9,5	0,6	B	963-128	
CDS 36K0.2L	36	0,2	0,2	180.500	9,5	0,6	B	963-128	
CDS 60K0.2	60	0,2	0,2	300.500	9,5	0,6	B	963-129	
CDS 100K0.5	100	0,5	0,5	202.000	9,5	0,6	B	963-129	

KERN Pictograms

 CAL INT Internal adjusting (CAL): Quick setting of the balance's accuracy with internal adjusting weight (motordriven).	 CAL EXT Adjusting program (CAL): For quick setting of the balance's accuracy. External adjusting weight required.	 MEMORY Memory: Balance contains memories, e.g. for item data, weighing data, tare weights etc. PLU
 RS 232 Data interface RS-232: To connect the balance to a printer, PC or network	 SWITCH Control outputs (optocoupler, digital I/O) to connect relays, signal lamps, valves, etc.	 DUAL Interface for second balance: for direct connection of a second balance
 LAN Network interface: For connecting the scale to an Ethernet network. With KERN products you can also use a universal RS-232/LAN converter.	 GLP PROTOCOL GLP/ISO record keeping: of weighing data with date, time and identification-no. Only with printers from KERN.	 PCS Piece counting: Reference quantities selectable. Display can be switched from piece to weight
 RECIPE Net-total weighing: weight of tare cup and weight of components memorized in two separate stores.	 % PERCENT Percentage determination: Determining the deviation in % from the target value (100%).	 UNIT Weighing units: Can be switched to e. g. nonmetric units at the touch of a key. See balance model. Please refer to KERN's website for more details.
 TOL Weighing with tolerance range: Upper and lower limiting can be programmed individually, e.g. dosing/sorting and portioning.	 MOVE Vibration-free weighing: (Animal weighing program) Vibrations are filtered out so that a stable weight is obtained.	 IP Spray and dust protection IPxx: The type of protection is shown by the pictogram. For details see the glossary.
 INOX Stainless steel: the balance is protected against corrosion.	 UNDER Suspended weighing: load support with hook on the underside of the balance.	 BATT Battery operation: Ready for battery operation. The battery type is specified for each device.
 ACCU Rechargeable battery pack: rechargeable set.	 230 V Mains adapter: 230V/50Hz in standard version for Germany. On request GB, AUS or USA version.	 230 V Power supply: integrated in balance. 230V/50Hz in Germany. More standards e. g. GB, AUS, USA on request.
 DMS Strain gauges: Electrical resistor on an elastic deforming body.	 T-FORK Tuning fork principle: A resonating body is electromagnetically excited, causing it to oscillate.	 FORCE Electromagnetic force compensation: Coil in a permanent magnet. For the most accurate weighings.
 SC TECH Single cell technology: Advanced version of the force compensation principle with the highest level of precision.	 M +3 DAYS Verification possible: The time required for verification is specified in the pictogram.	 DKD +3 DAYS DKD calibration possible: The time required for DKD calibration is shown in days in the pictogram.
 DAYS Package shipment: The time required to manufacture the product internally is shown in days in the pictogram.	 DAYS Pallet shipment: The time required to manufacture the product internally is shown in days in the pictogram.	 3 YEARS WARRANTY Warranty: The warranty period is shown in the pictogram.

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 ~ UKAS)

Your KERN specialist dealer:

Intertech d.o.o.
VII. Ulica - Del 007
SI-1235 Radomlje, Slovenia EU

www.Tehtnice.net

TEL.: +386-1-7297-234
MOB.: +386-41-819-607

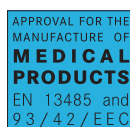
Thanks to the high level of automation, we can carry out DKD calibration of balances, test weights and force-measuring devices 24 hours a day, 7 days a week.

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.

TEHTNICE.NET
041-819-607 www.Tehtnice.net



KERN – Professional measuring. Measuring technology and testing services from a single source