

Hanging scales KERN HCB · HCN



KERN HCB



KERN HCN



The handy balance for higher loads - now up to 1 tonne!

Features

- Ideal for rapid checking in goods receiving and shipping
- Also essential in the private sector for determining the weight of fish, game, fruits, bicycle parts, suitcases etc.
- **Data hold function:** For easy reading of the weight, the display can be „frozen“ in different ways. Either automatically when the weighing value remains unchanged or manually by pressing the Hold key
- **Peak load display** (peak hold), measuring frequency 5 Hz

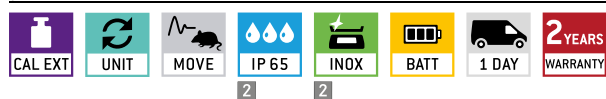
Technical data

- LCD display, digit height 12 mm
- HCB:**
- **Ready for use:** Batteries included 3 x 1.5 V AA, operating time up to 300 h
 - **1** HCB with [Max] ≥ 0,5 t: Reinforced version for heavy loads. Snap link and hook not included
- 2** **HCN:**
- Housing stainless steel, IP65 protection
 - **Second display** on the rear of the balance
 - **Ready for use:** batteries 2 x 1.5 V AA standard, operating time up to 200 h

Accessories for models with [Max] ≤ 200 kg

- **Hook (stainless steel)** standard, aperture approx. 25 mm, can be reordered, KERN HCB-A02
- **Snap link (stainless steel) with safety catch** standard, aperture approx. 15 mm, can be reordered, KERN HCB-A01

STANDARD



OPTION






































Model	Weighing range [Max] kg	Readout [d] g	Dimensions housing WxDxH mm	Height with snap link and hook mm	Net weight approx. kg	Option DKD Calibr. Certificate	
						DKD KERN	
KERN							
HCB 20K10	20	10	80x45x150	290	0,4	963-128	
HCB 50K20	50	20	80x45x150	290	0,4	963-128	
HCB 20K50 *	20	50	80x45x150	290	0,4	963-128	
HCB 99K50	99	50	80x45x150	290	0,4	963-129	
HCB 50K100	50	100	80x45x150	290	0,4	963-128	
HCB 100K200	100	200	80x45x150	290	0,4	963-129	
HCB 200K100	200	100	80x45x150	290	0,4	963-129	
HCB 200K500	200	500	80x45x150	290	0,4	963-129	
HCB 0.5T-3	500	1000	82x42.5x152	-	0,35	963-130	
HCB 1T-3	1000	2000	80x48x150	-	0,52	963-130	
stainless steel							
HCN 20K50IP	20	50	95x55x175	315	0,8	963-128	
HCN 50K100IP	50	100	95x55x175	315	0,8	963-128	
HCN 100K200IP	100	200	95x55x175	315	0,8	963-129	
HCN 200K500IP	200	500	95x55x175	315	0,8	963-129	

1 * ONLY WHILE STOCKS LAST

2 New model

KERN Pictograms

 Internal adjusting (CAL): Quick setting 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).	 Rechargeable battery pack: rechargeable set.
 Adjusting program (CAL): For quick setting 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 displays.	 Mains adapter: 230V/50Hz in standard version for Germany. On request GB, AUS or USA version.
 Memory: Balance contains memories, e.g. for item data, weighing data, tare weights etc. PLU.	 Recipe level C: Internal memory for complete recipes with name and target value of the recipe ingredients. User guidance through displays. Additional convenient functions, such as barcode and back calculation functions.	 Power supply: integrated in balance. 230V/50Hz in Germany. More standards e. g. GB, AUS, USA on request.
 Data interface RS-232: To connect the balance to a printer, PC or network.		 Strain gauges: Electrical resistor on an elastic deforming body.
 RS 485 data interface: To connect the balance to a printer, PC or other peripheral devices. High tolerance against electromagnetic disturbance.	 Percentage determination: Determining the deviation in % from the target value (100%).	 Tuning fork principle: A resonating body is electromagnetically excited, causing it to oscillate.
 USB data interface: To connect the balance to a printer, PC or other peripheral devices.	 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.	 Electromagnetic force compensation: Coil in a permanent magnet. For the most accurate weighings.
 Bluetooth data interface: To transfer data from the balance to a printer, PC or other peripheral devices.	 Weighing with tolerance range: Upper and lower limiting can be programmed individually, e.g. dosing/sorting and portioning.	 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.	 Vibration-free weighing: (Animal weighing program) Vibrations are filtered out so that a stable weight is obtained.	 Verification possible: The time required for verification is specified in the pictogram.
 Interface for second balance: for direct connection of a second balance.	 Spray and dust protection IPxx: The type of protection is shown by the pictogram. For details see the glossary.	 DKD calibration possible: The time required for DKD calibration is shown in days in the pictogram.
 Network interface: For connecting the scale to an Ethernet network. With KERN products you can also use a universal RS-232/LAN converter.	 Stainless steel: the balance is protected against corrosion.	 Package shipment: The time required to manufacture the product internally is shown in days in the pictogram.
 GLP/ISO record keeping: of weighing data with date, time and identification-no. Only with printers from KERN.	 Suspended weighing: load support with hook on the underside of the balance.	 Pallet shipment: The time required to manufacture the product internally is shown in days in the pictogram.
 Piece counting: Reference quantities selectable. Display can be switched from piece to weight.	 Battery operation: Ready for battery operation. The battery type is specified for each device.	 Warranty: The warranty period is shown in the pictogram.

Precision is our business

To ensure the high precision of your balance KERN offers you the the appropriate test weight package for your balance, consisting of the test weight, box and DKD certificate, as proof of its accuracy ... the best pre-requisite for 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, M3 with weights from 1 mg - 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 6 t
- 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: