

Hanging scales KERN HCB · HCN

PROFESSIONAL CARE



Practical assistant for the mobile weighing of heavy house pets, animal feed etc. up to 1 t!

Features

- Thanks to the animal weighing function, it can also be used by vets. Compact so it can be stored in the vet's case and is ideally suited for heavy pets
- 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
- Varied options for hanging the items, thanks to the stainless steel hook and stainless steel snap links included as standard (not with models HCB with [Max] ≥ 0.5 t)
- Peak load display (peak hold), measuring frequency 5 Hz
- [Max] ≤ 200 kg: Snap link (stainless steel) with safety catch standard
- [Max] ≤ 200 kg: Hook (stainless steel) standard

HCB

- Ready for use: Batteries standard, 3×1,5 V AA, operating time approx. 300 h
- 1 HCB with [Max] ≥ 0,5 t: Reinforced versions for heavy loads. Snap link and hook not included

HCN

- Ready for use: Batteries included 2×1,5 V AA, operating time approx. 200 h
- 2 Housing stainless steel, IP65: Protected against dust and water splashes
- 3 Second display on the rear of the balance

Technical data

- LCD display, digit height 12 mm
- Hole diameter of load support, model with [Max] ≤ 200 kg: approx. 14 mm [Max] > 200 kg: approx. 16 mm

Accessories for models with [Max] ≥ 100 kg

- Hook with safety catch, cast steel, galvanised and lacquered, revolving. Scope of supplies: 2 shackles, 1 lacquered screw bolt, 1 hook, KERN YHA-06

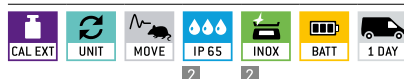
Accessories for models with [Max] ≤ 200 kg

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

Accessories for models with [Max] ≥ 0,5 t

- High-strength shackles, hot-dipped galvanised cast steel bracket, curved edge. Scope of supplies: 2 shackles with lacquered screw bolts, suitable for the following models: KERN HCB with [Max] ≥ 0,5 t, KERN YSC-03

STANDARD



Model	Weighing range [Max] kg	Readability [d] g	LCD display, digit height mm	Dimensions housing W×D×H mm	Height with snap link and hook mm	Net weight approx. kg	
KERN							
HCB 20K10	20	10	12	80×45×150	290	0,60	
HCB 50K20	50	20	12	80×45×150	290	0,60	
HCB 50K100	50	100	12	80×45×150	290	0,60	
HCB 99K50	99	50	12	80×45×150	290	0,60	
HCB 100K200	100	200	12	80×45×150	290	0,35	
HCB 200K100	200	100	12	80×45×150	290	0,60	
HCB 200K500	200	500	12	80×45×150	290	0,60	
HCB 0.5T-3	500	1000	12	80×42×152	-	0,35	
HCB 1T-3	1000	2000	12	80×45×150	-	0,35	
stainless steel							
HCN 50K100IP	50	100	12	96×48×179	315	0,8	
HCN 100K200IP	100	200	12	96×48×179	315	0,8	
HCN 200K500IP	200	500	12	96×48×179	315	0,8	

Pictograms

<p>Adjusting program CAL: For quick setting up of the balance's accuracy. External adjusting weight required.</p>	<p>ZERO: Resets the display to "0"</p>	<p>360° rotatable microscope head</p>
<p>Memory: Balance memory capacity, e.g. for article data, weighing data, tare weights, PLU etc.</p>	<p>Hold function: When patients do not stand, sit or lie completely still, a stable weight is calculated using an average weight</p>	<p>Monocular Microscope: For the inspection with one eye.</p>
<p>Data interface RS-232: To connect the balance to a printer, PC or network</p>	<p>Hold function: When the weighing conditions are unstable, a stable weight is calculated as an average value.</p>	<p>Binocular Microscope: For the inspection with both eyes</p>
<p>RS-485 data interface: To connect the balance to a printer, PC or other peripherals. Suitable for data transfer over large distances. Network in bus topology is possible</p>	<p>Protection against dust and water splashes IPxx: The type of protection is shown in the pictogram.</p>	<p>Trinocular Microscope: For the inspection with both eyes and the additional option for the connection of a camera</p>
<p>KERN Communication Protocol (KCP): It is a standardized interface command set for KERN balances and other instruments, which allows retrieving and controlling all relevant parameters and functions of the device. KERN devices featuring KCP are thus easily integrated with computers, industrial controllers and other digital systems</p>	<p>Stainless steel: The balance is protected against corrosion.</p>	<p>Abbe Condenser: With high numerical aperture for the concentration and the focusing of light.</p>
<p>Bluetooth® data interface: To transfer data from the balance to a printer, PC or other peripherals</p>	<p>Suspended weighing: Load support with hook on the underside of the balance.</p>	<p>Halogen illumination: For pictures bright and rich in contrast.</p>
<p>Control outputs (optocoupler, digital I/O): To connect relays, signal lamps, valves, etc.</p>	<p>Battery operation: Ready for battery operation. The battery type is specified for each device.</p>	<p>LED illumination: Cold, energy saving and especially long-life illumination.</p>
<p>Statistics: using the saved values, the device calculates statistical data, such as average value, standard deviation etc.</p>	<p>Rechargeable battery pack: Rechargeable set.</p>	<p>Fluorescence illumination for compound microscopes: With 100W mercury lamp and filter.</p>
<p>PC Software: to transfer the measurements from the device to a PC</p>	<p>Battery operation rechargeable: Prepared for a rechargeable battery operation</p>	<p>Fluorescence illumination for compound microscopes: With 3 W LED illumination and filter.</p>
<p>GLP/ISO-Protokoll: With date and time. Only with KERN printers</p>	<p>Universal mains adapter: with universal input and optional input socket adapters for A) EU, CH B) EU, CH, GB, USA</p>	<p>Phase contrast unit: For a higher contrast.</p>
<p>Piece counting: Reference quantities selectable. Display can be switched from piece to weight</p>	<p>Mains adapter: 230V/50Hz in standard version for EU. On request GB, AUS or USA version available.</p>	<p>Darkfield condenser/unit: For a higher contrast due to indirect illumination</p>
<p>Totalising level A: The weights of similar items can be added together and the total can be printed out.</p>	<p>Power supply: Integrated in balance. 230V/50Hz standard EU. More standards e.g. GB, AUS or USA on request.</p>	<p>Polarising unit: To polarise the light.</p>
<p>Weighing units: Can be switched to e.g. nonmetric units at the touch of a key. Please refer to website for more details</p>	<p>Weighing principle: Strain gauges Electrical resistor on an elastic deforming body.</p>	<p>Infinity system: Infinity corrected optical system.</p>
<p>Weighing with tolerance range: (Check weighing) Upper and lower limiting can be programmed individually, e.g. for sorting and dosing. The process is supported by an audible or visual signal, see the relevant model</p>	<p>Peak hold function: capturing a peak value within a measuring process.</p>	<p>Automatic temperature compensation: For measurements between 10 °C and 30 °C</p>
	<p>Push and Pull: the measuring device can capture tension and compression forces.</p>	<p>Verification possible: The time required for verification is specified in the pictogram.</p>
	<p>Integrated scale: In the eyepiece.</p>	<p>Package shipment: The time required for internal shipping preparations is shown in days in the pictogram.</p>
		<p>Pallet shipment: The time required for internal shipping preparations is shown in days in the pictogram.</p>

*The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by KERN & SOHN GmbH is under license. Other trademarks and trade names are those of their respective owners.

Your KERN specialist dealer