

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

HCB

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

HCN

- Ready for use: Batteries included (2×1,5V 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] ≤ 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



Model	Weighing range [Max] kg	Readout [d] kg	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	0,01	12	80x45x150	290	0,6	
HCB 50K20	50	0,02	12	80x45x150	290	0,6	
HCB 50K100	50	0,1	12	80x45x150	290	0,6	
HCB 99K50	99	0,05	12	80x45x150	290	0,6	
HCB 100K200	100	0,2	12	80x45x150	290	0,35	
HCB 200K100	200	0,1	12	80x45x150	290	0,6	
HCB 200K500	200	0,5	12	80x45x150	290	0,6	
HCB 0.5T-3	500	1	12	82x42,5x152	-	0,35	
HCB 1T-3	1000	2	12	80x45x150	-	0,35	
stainless steel							
HCN 50K100IP	50	0,1	12	95x55x175	315	0,8	
HCN 100K200IP	100	0,2	12	95x55x175	315	0,8	
HCN 200K500IP	200	0,5	12	95x55x175	315	0,8	

Pictograms

<p>Adjusting program CAL: For quick setting up of the balance's accuracy. External adjusting weight required.</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>Data interface RS-232: To connect the balance to a printer, PC or network.</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>RS-485 data interface: To connect the balance to a printer, PC or other peripherals. High tolerance against electromagnetic disturbance.</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>Bluetooth* data interface: To transfer data from the balance to a printer, PC or other peripherals.</p>	<p>Rechargeable battery pack: Rechargeable set</p>	<p>Fluorescence illumination for compound microscopes: With 100 W mercury lamp and filter</p>
<p>Control outputs (optocoupler, digital I/O): To connect relays, signal lamps, valves, etc.</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>Statistics: using the saved values, the device calculates statistical data, such as average value, standard deviation etc.</p>	<p>Universal mains adapter: with universal input and optional input socket adapters for EU, GB.</p>	<p>Phase contrast unit: For a higher contrast</p>
<p>PC Software: to transfer the measurements from the device to a PC.</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>Wireless data transfer: between the weighing unit and the evaluation unit using an integrated radio module.</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>GLP/ISO log: With weight, date and time. Only with KERN printers.</p>	<p>Weighing principle: Strain gauges Electrical resistor on an elastic deforming body.</p>	<p>Infinity system: Infinity corrected optical system</p>
<p>Piece counting: Reference quantities selectable. Display can be switched from piece to weight.</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>Totalising level A: The weights of similar items can be added together and the total can be printed out.</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>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>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>Weighing with tolerance range: (Checkweighing) Upper and lower limiting values can be programmed individually for e.g. dosing, sorting and portioning.</p>	<p>360° rotatable microscope head</p>	<p>Pallet shipment: The time required for internal shipping preparations is shown in days in the pictogram.</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>Warranty: The warranty period is shown in the pictogram.</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>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>	

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