PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

30.10.2026

KERN HCB 50K100

Handy hanging scale for higher loads

ENGLISH



CONTACT

KERN & SOHN GmbH
Ziegelei 1
72336 Balingen
Germany

+49 7433 9933-0
info@kern-sohn.com
www.kern-sohn.com

FEATURES

- With the TÜV certification mark, the scale meets the requirements of the standard EN 13155 (Non-fixed load lifting attachments/Breakage resistance) and EN 61010-1 (Electrical safety)
- Ideal for rapid control in goods-in and goods-out
- Also essential in the private sector to determine the weight of fish, game, fruits, bicycle parts, suitcases etc.
- Hold function: For easy reading of the weighing result, 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
- Snap link (stainless steel) with safety catch and hook (stainless steel) as standard

TECHNICAL DATA

- LCD display, digit height 12 mm
- Weighing units: kg, lb, N
- Hole diameter of load support 14 mm
- Overall dimensions 82×43×153 mm
- Ready for use: Batteries included, 3×1.5 V AA, operating time up to 300 h
- Net weight approx. 0,30 kg
- Permissible ambient temperature 5 °C/35 °C

MAIN SCOPE OF APPLICATIONS

- Construction and building sites
- Warehouse logistics
- Workshops
- Food industry
- Hunting
- Weighing small animals
- Breeding small animals

PICTOGRAMS

Standard



Option



MODEL OVERVIEW

Model	Weighing capacity	Readability	Net weight
	[Max]	[d]	approx.
HCB 20K10	20 kg	0,01 kg	0,30 kg
HCB 50K100	50 kg	0,1 kg	0,30 kg
HCB 50K20	50 kg	0,02 kg	0,30 kg
HCB 99K50	99 kg	0,05 kg	0,30 kg
HCB 100K200	100 kg	0,2 kg	0,30 kg
HCB 200K100	200 kg	0,1 kg	0,30 kg
HCB 200K500	200 kg	0,5 kg	0,30 kg
HCB 0.5T-3	500 kg	1 kg	0,40 kg
HCB 1T-3	1000 kg	2 kg	0,60 kg

ACCESSORIES

Model	Description
366-78	Test weight 366-78 (OIML Class M3, Nominal value 20 kg, Block Eco, cast iron lacquered)
HCB-A01	Snap link HCB-A01
HCB-A02	Hook HCB-A02
YHA-06	Hook for crane scale YHA-06
YSC-04	Shackle for crane scale YSC-04

SERVICES

Model	Description
961-248	Adjustment at the location of installation 961-248 (Not in combination with verification)
963-128H	DAkkS calibration certificate 963-128H
969-517	Confirmation of the manufacturer’s specification (only in combination with DAkkS calibration certificate)969-517
970-011	Warranty extension (+3 years) 970-011

KERN Pictogram Overview

	External adjustment: Adjusting accuracy using external adjustment weight
	Units can be switched to e.g. non-metric units
	Hold function: When the weighing conditions are unstable, a stable weight is calculated as an average value
	Battery operation: Ready for battery operation
	Weighing principle Strain gauges: Electrical resistor on an elastic deforming body
	Package shipment by courier service: The duration of internal product provision is one day
	Accredited calibration (DKD): The duration of the accredited calibration is 3 working days

ENGLISH