

KERN HCB 0.5T-3

Handy hanging scale for higher loads

KERN



Date of creation: 20.06.2026

Category

Brand	KERN
Product category	Industrial scale
Product group	Hanging scale
Product family	HCB

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	500 kg
Readability [d]	1 kg
Reproducibility	1 kg
Linearity	± 2 kg
Resolution	500
Adjustment options	Adjusting with external weight
Recommended adjusting weight	200 kg (M3)
Eccentric/Off-centre loading is not possible	✓
Stabilization time	2 s
Construction type of the scale	Single-range balance
Units	kg lb N
Internal measuring frequency	5 Hz
Tolerance (% of [Max])	0,5%
Load cell connection	4-wire
Maximum creep (15 minutes)	2 kg
Maximum creep (30 minutes)	4 kg
Default unit	kg
Loadcell type	aluminium

Display

Display type	LCD
Display backlight	no
Display digit height	12 mm
Languages of the user interface	English
Symbol language	Symbol language

Construction

Dimension housing (W×D×H)	82×43×153 mm
Dimensions housing - width (A)	82 mm
Dimensions housing - depth (B)	43 mm
Dimensions - total height/total length (D)	153 mm
Dimensions - inner length (E)	117 mm
Dimensions loop/top - hole diameter (F)	16 mm
Dimensions hook/bottom - hole diameter (G)	16 mm
Dimensions loop/top - thickness (H)	4 mm
Dimensions hook/bottom - thickness (I)	4 mm
Material housing	plastic
Material display housing	plastic
Material load cell(s)	aluminium
Load cells - number	1

Functions

Function for averaging under unstable weighing conditions	✓
Hold function	✓
IP protection - load cell	no IP protection
Peak function	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	off 4 min
Tare function	manual (multi)
Number of keys for operation	3

Power Supply

Supplied power supply	Battery
Battery / accumulator type	Alkali-(Manganese)
Battery	3×1.5 V AA
Battery connection	Pad + Spring
Battery operating time	300 h
Battery voltage	4,5 V
Battery - Individual weight	22,6 g
Battery/Accu connected	not connected, enclosed

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Environmental conditions

Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C
Humidity of environment [Max]	80 %
Storage temperature [Max]	60 °C

Approval

CE mark	✓
TÜV-tested	✓

Services (optional)

Article number for adjustment at the location of installation	961-250
Article number for DAkkS calibration	963-130H
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	215×150×85 mm
Shipping method	Parcel service
Net weight approx.	0,40 kg
Gross weight approx.	0,70 kg
Shipping weight	0,68 kg
Shipping volume weight	0,5 kg

Product information

GTIN/EAN number	4045761144460
Trade number	84238220
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

