KERN **HCB 0.5T-3**

Handy hanging scale for higher loads



Date of creation: 23.10.2026

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
Warm-up time	10 min

Display	
Display type	LCD
Display backlight	no
Display digit height	12 mm
Languages of the user interface	English 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	
Hold function	✓
IP protection - load cell	no IP protection
Peak function	✓
Function for averaging under unstable weighing conditions	✓
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

KERN **HCB 0.5T-3**

Handy hanging scale for higher loads

Battery capacity	2.700 mAh
Battery voltage	4,5 V
Battery – Number of cells	3
Battery – Individual weight	22,6 g
Battery – Total weight	67,8 g
Battery capacity (Wh)	4,05 Wh
Battery – Lithium content	0 g
Battery/Accu connected	not connected, enclosed

Environmental conditions

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

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

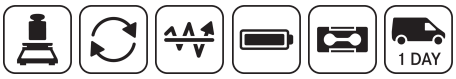
Delivery time	1 d
Dimensions packaging (W×D×H)	215×150×85 mm
Shipping method	Parcel service
Net weight approx.	0,40 kg
Gross weight approx.	0,70 kg
Shipping weight	0,68 kg
Shipping volume weight	0,5 kg

Product information

GTIN/EAN number	4045761144460
Trade number	84238220
Warranty Time	24 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

