

KERN HCB 50K100

Handy hanging scale for higher loads

KERN



Category	
Brand	KERN
Product category	Industrial scale
Product group	Hanging scale
Product family	HCB
Measuring System	
Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	50 kg
Readability [d]	0,1 kg
Resolution	500
Linearity	± 0,2 kg
Reproducibility	0,1 kg
Default unit	kg
Units	kg
	lb
	N
Adjustment options	Adjusting with external weight
Recommended adjusting weight	20 kg (M3)
Possible calibration points	20 kg
Stabilization time	2 s
Warm-up time	10 min
Eccentric/Off-centre loading is not possible	✓
Maximum creep (15 minutes)	200 g
Maximum creep (30 minutes)	400 g
Loadcell type	aluminium
Load cell connection	4-wire
Tolerance (% of [Max])	0,5%
Internal measuring frequency	5 Hz

Approval	
CE mark	✓

Display	
Display type	LCD
Display digit height	12 mm
Languages of the user interface	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 loop/top - thickness (H)	4 mm
Dimensions hook/bottom - hole diameter (G)	14 mm
Dimensions - inner length (E)	117 mm
Dimensions loop/top - hole diameter (F)	14 mm
Dimensions hook/bottom - thickness (I)	4 mm
Material display housing	Plastics
Material housing	plastic
Material load hook	stainless steel
Material load cell(s)	aluminium
Load cells - number	1

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

Power Supply	
Supplied power supply	Battery
Battery	3×1.5 V AA
Battery / accumulator type	Alkali(-Manganese)
Battery connection	Pad + Spring
Battery voltage	4,5 V
Battery operating time	300 h

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Environmental conditions

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

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	215×150×85 mm
Net weight	0,262 kg
Shipping method	Parcel service
Net weight approx.	0,30 kg
Gross weight approx.	0,90 kg
Shipping weight	0,89 kg

Services (optional)

Article number for adjustment at the location of installation	961-248
Article number for DAkkS calibration	963-128H
Article number for certificate of conformity (verification)	969-517

Pictograms

STANDARD



OPTION

