

# 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	✓
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## 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

