KERN **HCN 50K100IP**

Robust, compact hanging scale with high level of protection against dust and water spray



Date of creation: 23.10.2026

Category	
Brand	KERN
Product category	Industrial scale
Product group	Hanging scale
Product family	HCN

Measuring System	
Weighing system	Strain gauge
Weighing capacity [Max]	50 kg
Readability [d]	0,1 kg
Reproducibility	0,1 kg
Linearity	± 0,2 kg
Resolution	500
Adjustment options	Adjusting with external weight
Recommended adjusting weight	50 kg (M2)
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%
Maximum creep (15 minutes)	200 g
Maximum creep (30 minutes)	400 g
Default unit	kg
Warm-up time	10 min

Display	
Display type	LCD
Display backlight	no
Display screen size	40×17 mm
Display digit height	12 mm
Languages of the user interface	English Symbol language

Construction	
Dimension housing (W×D×H)	96×48×179 mm
Dimensions housing - width (A)	95,6 mm
Dimensions housing - depth (B)	48,4 mm
Dimensions housing - height/ length (C)	179,2 mm
Dimensions hook/bottom - hole diameter (G)	29 mm
Dimensions loop/top - thickness (H)	2 mm
Dimensions hook/bottom - thickness (I)	13 mm
Material housing	stainless steel
Material load hook	stainless steel
Material display housing	stainless steel
Material load cell(s)	stainless steel
Load cells - number	1

Functions	
Hold function	✓
IP protection - complete device	IP65
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
Tare function	manual (multi)
Underfloor weighing	None
Number of keys for operation	3

Power Supply	
Supplied power supply	Battery
Battery / accumulator type	Alkali(-Manganese)
Battery	2×1.5 V AA
Battery connection	Battery insert
Battery operating time	300 h
Battery capacity	2.700 mAh
Battery voltage	3 V
Battery – Number of cells	2
Battery – Individual weight	22,6 g

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Battery – Total weight	45,2 g
Battery capacity (Wh)	4,05 Wh
Battery – Lithium content	0 g
Rechargeable battery operating time - backlight off	300 h
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	961-248
Article number for DAkkS calibration	963-128H
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	155×220×75 mm
Shipping method	Parcel service
Net weight approx.	0,50 kg
Gross weight approx.	1,2 kg
Shipping weight	1,145 kg
Shipping volume weight	0,5 kg

Product information

GTIN/EAN number	4045761085367
Trade number	84238220
Warranty Time	24 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

