KERN **HCN 50K100IP**

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

Category

Brand	KERN
Product categoriy	Industrial scale
Product group	Hanging scale
Product family	HCN

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	50 kg (M2)
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
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)	96×48×179 mm
Material housing	stainless steel
Material load hook	stainless steel
Material load cell(s)	Stainless steels

Functions

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

Power Supply

Supplied power supply	Battery
Battery	2×1.5 V AA
Battery / accumulator type	Alkali(-Manganese)
Battery voltage	3 V
Battery operating time	200 h

Environmental conditions

Humity 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)	155×220×75 mm
Net weight	0,496 kg
Shipping method	Parcel service
Net weight approx.	0,50 kg
Gross weight approx.	1,2 kg
Shipping weight	1,145 kg

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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

CAL EXT | UNIT | MOVE | IP 65 | BATT | DMS | 1 DAY

OPTION

DAkkS +3 DAYS