

KERN HDB 5K5N

KERN

Practical hanging scale for rapid, mobile weighing



Category

Brand	KERN
Product category	Industrial scale
Product group	Hanging scale
Product family	HDB

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	5 kg
Readability [d]	0,005 kg
Reproducibility	0,005 kg
Linearity	± 0,015 kg
Resolution	1.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	5 kg (M1)
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)	10 g
Maximum creep (30 minutes)	20 g
Default unit	kg

Display

Display type	LCD
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Display backlight	no
Display digit height	12 mm
Languages of the user interface	English Symbol language

Construction

Dimension housing (W×D×H)	72×25×105 mm
Dimensions completely mounted (W×D×H)	72×25×188 mm
Dimensions housing - depth (B)	25,4 mm
Dimensions housing - height/length (C)	105 mm
Dimensions - total height/total length (D)	188 mm
Dimensions loop/top - hole diameter (F)	4 mm
Dimensions hook/bottom - thickness (I)	4,5 mm
Material housing	plastic
Material load hook	steel
Material display housing	plastic
Load cells - number	1

Functions

Underfloor weighing	None
Function for averaging under unstable weighing conditions	✓
Hold function	✓
IP protection - load cell	IP65
Peak function	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min
Tare function	manual (multi)
Number of keys for operation	3

Power Supply

Supplied power supply	Battery
Battery / accumulator type	Alkali(-Manganese)
Battery	2×1.5 V AAA
Battery connection	Battery insert
Battery operating time	100 h
Battery capacity	1.200 mAh
Battery voltage	1,5 V
Battery - Number of cells	2
Battery - Individual weight	11,2 g
Battery - Total weight	22,4 g
Battery - Construction	Individual cells
Battery capacity (Wh)	1,8 Wh

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Rechargeable battery operating time - backlight off	100 h
Battery/Accu connected	not connected, enclosed

Environmental conditions

Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C
Humidity of environment [Max]	90 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Approval

CE mark	✓
TÜV-tested	✓

Services (optional)

Article number for adjustment at the location of installation	961-247
Article number for DAkkS calibration	963-127H
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	225×150×70 mm
Shipping method	Parcel service
Net weight approx.	0,20 kg
Gross weight approx.	0,45 kg
Shipping weight	0,5 kg
Shipping volume weight	0,5 kg

Product information

GTIN/EAN number	4045761135543
Trade number	84238129
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

