# KERN **HCB 1T-3**

Handy hanging scale for higher loads




**Date of creation: 23.10.2026**

| Category | |
|---|---|
| Brand | KERN |
| Product category | Industrial scale |
| Product group | Hanging scale |
| Product family | HCB |

| Measuring System | |
|---|---|
| Weighing system | Strain gauge |
| Weighing capacity [Max] | 1000 kg |
| Readability [d] | 2 kg |
| Reproducibility | 2 kg |
| Linearity | ± 4 kg |
| Resolution | 500 |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 500 kg (M3) |
| Eccentric/Off-centre loading is not possible | ✓ |
| Stabilization time | 2 s |
| Construction type of the scale | Single-range balance |
| Units | kg<br>lb<br>N |
| Internal measuring frequency | 5 Hz |
| Tolerance (% of [Max]) | 0,5% |
| Load cell connection | 4-wire |
| Maximum creep (15 minutes) | 4 kg |
| Maximum creep (30 minutes) | 8 kg |
| Default unit | kg |
| Loadcell type | aluminium |
| Warm-up time | 10 min |

| Display | |
|---|---|
| Display type | LCD |
| Display backlight | no |
| Display digit height | 12 mm |
| Languages of the user interface | English<br>Symbol language |

| Construction | |
|---|---|
| Dimension housing (W×D×H) | 82×48×153 mm |
| Dimensions housing - width (A) | 82 mm |
| Dimensions housing - depth (B) | 48 mm |
| Dimensions - total height/total length (D) | 153 mm |
| Dimensions - inner length (E) | 117 mm |
| Dimensions loop/top - hole diameter (F) | 16 mm |
| Dimensions hook/bottom - hole diameter (G) | 16 mm |
| Dimensions loop/top - thickness (H) | 9 mm |
| Dimensions hook/bottom - thickness (I) | 9 mm |
| Material housing | plastic |
| Material display housing | plastic |
| Material load cell(s) | aluminium |
| Load cells - number | 1 |

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

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

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| | |
|---|---|
| Battery capacity | 2.700 mAh |
| Battery voltage | 4,5 V |
| Battery – Number of cells | 3 |
| Battery – Individual weight | 22,6 g |
| Battery – Total weight | 67,8 g |
| Battery capacity (Wh) | 4,05 Wh |
| Battery – Lithium content | 0 g |
| 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 | 961-250 |
| Article number for DAkkS calibration | 963-130H |
| Article number for certificate of conformity | 969-517 |

## Packing & Shipping

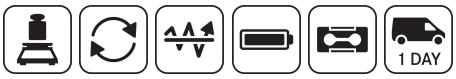
| | |
|---|---|
| Delivery time | 1 d |
| Dimensions packaging (W×D×H) | 215×150×85 mm |
| Shipping method | Parcel service |
| Net weight approx. | 0,60 kg |
| Gross weight approx. | 0,90 kg |
| Shipping weight | 0,88 kg |
| Shipping volume weight | 0,5 kg |

## Product information

| | |
|---|---|
| GTIN/EAN number | 4045761152762 |
| Trade number | 84238220 |
| Warranty Time | 24 mon |
| REACH classification | no prohibited substances |

## Pictograms

### STANDARD




### OPTION

