

KERN HCB 0.5T-3

Handy hanging scale for higher loads



Approval

| | |
|---------|---|
| CE mark | ✓ |
|---------|---|

Display

| | |
|----------------------|-------|
| Display type | LCD |
| Display digit height | 12 mm |

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) | 16 mm |
| Dimensions - inner length (E) | 117 mm |
| Dimensions loop/top - hole diameter (F) | 16 mm |
| Dimensions hook/bottom - thickness (I) | 4 mm |
| Material display housing | Plastics |
| Material housing | plastic |
| 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 |

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] | 500 kg |
| Readability [d] | 1 kg |
| Resolution | 500 |
| Linearity | ± 2 kg |
| Reproducibility | 1 kg |
| Default unit | kg |
| Units | kg lb N |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 200 kg (M1) |
| Possible calibration points | 200 kg |
| Stabilization time | 2 s |
| Warm-up time | 10 min |
| Eccentric/Off-centre loading is not possible | ✓ |
| Maximum creep (15 minutes) | 2 kg |
| Maximum creep (30 minutes) | 4 kg |
| Loadcell type | aluminium |
| Load cell connection | 4-wire |
| Tolerance (% of [Max]) | 0,5% |
| Internal measuring frequency | 5 Hz |

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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 | 0,36 kg |
| Shipping method | Parcel service |
| Net weight approx. | 0,40 kg |
| Gross weight approx. | 0,70 kg |
| Shipping weight | 0,68 kg |

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 (verification) | 969-517 |

Pictograms

STANDARD



OPTION

