

KERN CH 50K50

KERN

The classic among manual hanging scales – perfect for rapid weighing of higher loads



Approval

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

Display

| | |
|----------------------|-------|
| Display type | LCD |
| Display backlight | no |
| Display digit height | 11 mm |

Construction

| | |
|---------------------------------------|----------------|
| Dimension housing (W×D×H) | 90×30×176,5 mm |
| Dimensions completely mounted (W×D×H) | 90×30×283 mm |
| Material housing | plastic |
| Material load hook | steel |

Functions

| | |
|---|----------------|
| Number of keys for operation | 3 |
| Auto-off interval(s) in mains power mode | 3 min |
| Tare function | manual (multi) |
| Hold function | ✓ |
| Function for averaging under unstable weighing conditions | ✓ |
| Underfloor weighing | None |

Power Supply

| | |
|----------------------------|--------------------|
| Supplied power supply | Battery |
| Battery | 9 V block |
| Battery / accumulator type | Alkali(-Manganese) |
| Battery voltage | 9 V |
| Battery operating time | 20 h |

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) | 225×150×70 mm |
| Net weight | 0,316 kg |
| Shipping method | Parcel service |
| Net weight approx. | 0,35 kg |
| Gross weight approx. | 0,55 kg |
| Shipping weight | 0,54 kg |

Category

| | |
|------------------|------------------|
| Brand | KERN |
| Product category | Industrial scale |
| Product group | Hanging scale |
| Product family | CH |

Measuring System

| | |
|--|--------------------------------|
| Construction type of the scale | Single-range balance |
| Weighing system | Strain gauge |
| Weighing capacity [Max] | 50 kg |
| Readability [d] | 0,05 kg |
| Resolution | 1.000 |
| Linearity | ± 0,1 kg |
| Reproducibility | 0,05 kg |
| Default unit | kg |
| Units | kg lb N |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 20 kg (M3) |
| Possible calibration points | 20 kg |
| Stabilization time | 2 s |
| Warm-up time | 10 min |
| Eccentric/Off-centre loading is not possible | ✓ |
| Maximum creep (15 minutes) | 100 g |
| Maximum creep (30 minutes) | 200 g |
| Tolerance (% of [Max]) | 0,5% |
| Internal measuring frequency | 5 Hz |

KERN CH 50K50



The classic among manual hanging scales – perfect for rapid weighing of higher loads

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



OPTION

