

KERN HFD 6T-3M

Robust, high-resolution crane scale, verification optional



Category

| | |
|------------------|------------------|
| Brand | KERN |
| Product category | Industrial scale |
| Product group | Crane scale |
| Product family | HFD |

Measuring System

| | |
|--|--------------------------------|
| Construction type of the scale | Single-range balance |
| Weighing system | Strain gauge |
| Weighing capacity [Max] | 6000 kg |
| Readability [d] | 2 kg |
| Resolution | 3.000 |
| Linearity | ± 2 kg |
| Reproducibility | 2 kg |
| Tare range | 5998 kg |
| Default unit | kg |
| Units | kg |
| Units (if device is conformity assessed) | kg |
| Minimum weight [Min] | 40 kg |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 6000 kg (M1) |
| Stabilization time | 2 s |
| Warm-up time | 10 min |
| Eccentric/Off-centre loading is not possible | ✓ |
| Loadcell type | HS-16 8T |
| Load cell connection | 4-wire |
| Tolerance (% of [Max]) | 0,2% |
| Internal measuring frequency | 10 Hz |

Approval

| | |
|---|------|
| CE mark | ✓ |
| Accuracy classe | III |
| Verification scale interval [e] | 2 kg |
| Conformity assessment possible ex works | ✓ |

Display

| | |
|---------------------------------|-----------------|
| Display type | LCD |
| Display screen size | 115 x40 mm |
| Display backlight | LED white |
| Display digit height | 30 mm |
| Languages of the user interface | Symbol language |

Construction

| | |
|--|------------------------|
| Dimension display device (W×D×H) | 194×160×129 mm |
| Dimensions housing - width (A) | 194 mm |
| Dimensions housing - depth (B) | 129 mm |
| Dimensions housing - height/length (C) | 160 mm |
| Dimensions - total height/total length (D) | 518 mm |
| Dimensions hook/bottom - hole diameter (G) | 68,3 mm |
| Dimensions - inner length (E) | 467 mm |
| Dimensions loop/top - hole diameter (F) | 68,3 mm |
| Dimensions completely mounted (W×D×H) | 518×194×151 mm |
| Material housing | cast aluminium |
| Material load hook | unalloyed forged steel |
| Material suspension | unalloyed forged steel |
| Material load cell(s) | high-alloy steel |
| Load cells - number | 1 |

Functions

| | |
|--|---------------------------------|
| Number of keys for operation | 5 |
| Auto-off interval(s) in mains power mode | selectable |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 3 min off 5 min 15 min |
| Wireless operation | ✓ |
| Capacity - Display | ✓ |
| Tare function | manual (single) |
| Standby function | ✓ |
| Range of radio module | 20 m |

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Power Supply

| | |
|---|---------------------|
| Input voltage power supply / power [Max] | 110 V - 240 V AC |
| Input voltage device / power [Max] | 12 V, 2500 mA |
| Plug-in power supply type | Power adapter |
| Supplied power supply | Accu & Power supply |
| Plug-in power supply / adapter for countries - included with the delivery | EURO UK CH |
| Plug-in power supply / adapter for countries - optional | EURO UK CH |
| Rechargeable battery charging time | 12 h |
| Rechargeable battery operating time - backlight on | 30 h |
| Rechargeable battery operating time - backlight off | 70 h |
| Battery | 1×12 V, Type 23 A |
| Battery / accumulator type | Li-Ion |
| Battery connection | Plug-in terminals |
| Battery capacity | 5.200 mAh |

Environmental conditions

| | |
|-------------------------------|--------|
| Humidity of environment [Min] | 0 % |
| Humidity of environment [Max] | 80 % |
| Ambient temperature [Min] | -10 °C |
| Ambient temperature [Max] | 40 °C |

Packing & Shipping

| | |
|------------------------------|----------------|
| Readability force [d] (N) | 1 d |
| Dimensions packaging (W×D×H) | 725×270×265 mm |
| Net weight | 15 kg |
| Shipping method | Parcel service |
| Net weight approx. | 15 kg |
| Gross weight approx. | 17 kg |
| Shipping weight | 17 kg |

Services (optional)

| | |
|---|----------|
| Article number for adjustment at the location of installation | 961-252 |
| Article number for conformity assessment | 965-132H |
| Article number for DAkkS calibration | 963-132H |
| Article number for certificate of conformity (verification) | 969-517 |

Pictograms

STANDARD



OPTION



FACTORY

