

KERN HFD 10T-3M



Robust, high-resolution crane scale, verification optional



Category

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

Measuring System

| | |
|--|--------------------------------|
| Conformity assessment possible | ✓ |
| Construction type of the scale | Single-range balance |
| Weighing system | Strain gauge |
| Weighing capacity [Max] | 12000 kg |
| Readability [d] | 5 kg |
| Resolution | 2.400 |
| Linearity | ± 5 kg |
| Reproducibility | 5 kg |
| Tare range | 11995 kg |
| Default unit | kg |
| Units | kg |
| Units (if device is conformity assessed) | kg |
| Minimum weight [Min] | 100 kg |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 12000 kg (M1) |
| Stabilization time | 2 s |
| Warm-up time | 10 min |
| Eccentric/Off-centre loading is not possible | ✓ |
| Loadcell type | HS-16 15T |
| Load cell connection | 4-wire |
| Tolerance (% of [Max]) | 0,2% |
| Internal measuring frequency | 10 Hz |

Approval

| | |
|--|------|
| CE mark | ✓ |
| Pattern approval for conformity assessment | ✓ |
| Accuracy classe | III |
| Verification scale interval [e] | 5 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) | 584 mm |
| Dimensions hook/bottom - hole diameter (G) | 82,5 mm |
| Dimensions - inner length (E) | 521 mm |
| Dimensions loop/top - hole diameter (F) | 82,5 mm |
| Dimensions completely mounted (W×D×H) | 584×194×180 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) |

KERN HFD 10T-3M



Robust, high-resolution crane scale, verification optional

| | |
|-----------------------|---|
| Standby function | ✓ |
| Range of radio module | 20 m |
| Interfaces | Bluetooth BTC (v4.0) (optional, factory) |

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 | Battery & 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) | 720×270×270 mm |
| Net weight | 20 kg |
| Shipping method | Parcel service |
| Net weight approx. | 20 kg |
| Gross weight approx. | 22 kg |
| Shipping weight | 21 kg |

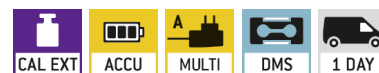
Services (optional)

| | |
|---|----------|
| Article number for adjustment at the location of installation | 961-252 |
| Article number for conformity assessment | 965-133H |

| | |
|---|----------|
| Article number for DAkkS calibration | 963-133H |
| Article number for certificate of conformity (verification) | 969-517 |

Pictograms

STANDARD



OPTION



FACTORY

