# KERN **HFC 3T-3**

Compact crane scale for use in harsh environmental conditions or where space is limited, with convenient hand-held terminal

**Date of creation: 20.06.2026**

## Category

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

## Measuring System

| | |
|---|---|
| Weighing system | Strain gauge |
| Weighing capacity [Max] | 3000 kg |
| Readability [d] | 1 kg |
| Reproducibility | 1 kg |
| Linearity | ± 2 kg |
| Resolution | 3.000 |
| Adjustment options | Adjusting with external weight |
| Recommended adjusting weight | 3000 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 | 10 Hz |
| Tolerance (% of [Max]) | 0,2% |
| Maximum creep (15 minutes) | 4 kg |
| Maximum creep (30 minutes) | 8 kg |
| Default unit | kg |
| Loadcell type | aluminium silicone-coated |

## Display

| | |
|---|---|
| Display type | LCD |
| Display type | LCD with backlight |
| Display backlight | ✓ |
| Display screen size | 60×40 mm |
| Display digit height | 23 mm |
| Languages of the user interface | English<br>Symbol language |

## Construction

| | |
|---|---|
| Dimension housing (W×D×H) | 90×61×255 mm |
| Dimension display device (W×D×H) | 88×64×256 mm |
| Dimensions housing - width (A) | 90 mm |
| Dimensions housing - depth (B) | 62 mm |
| Dimensions housing - height/length (C) | 100 mm |
| Dimensions - total height/total length (D) | 255 mm |
| Dimensions - inner length (E) | 165 mm |
| Dimensions loop/top - hole diameter (F) | 27 mm |
| Dimensions hook/bottom - hole diameter (G) | 27 mm |
| Dimensions loop/top - thickness (H) | 30 mm |
| Dimensions hook/bottom - thickness (I) | 30 mm |
| Material housing | aluminium |
| Material load hook | stainless steel bushing |
| Material display housing | metal |
| Material load cell(s) | aluminium |
| Load cells - number | 1 |

## Functions

| | |
|---|---|
| Sum memory function | ✓ |
| Recipe/summing level | Sum A |
| Tolerance weighing | ✓ |
| Tolerance weighing - type of signal | acoustically<br>visual |
| Underfloor weighing | None |
| Capacity - Display | ✓ |
| Range of radio module | 20 m |
| Hold function | ✓ |
| Peak function | ✓ |
| Auto-off interval(s) in battery mode/rechargeable battery mode | 3 min<br>5 min<br>30 min<br>15 min |
| Auto-off interval(s) in mains power mode | 5 min<br>30 min<br>15 min |
| Tare function | manual (multi) |
| Number of keys for operation | 8 |

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## Power Supply

| | |
|---|---|
| Supplied power supply | Accu & Power supply |
| Power supply type | Power adapter |
| Plug-in power supply / adapter for countries - included with the delivery | EURO<br>UK<br>US |
| Plug-in power supply / adapter for countries - optional | EURO<br>UK<br>US<br>CH |
| Input voltage power supply / power [Max] | 100 V - 240 V, 50 / 60 Hz |
| Input voltage device / power [Max] | 9 V, 800 mA |
| Power socket for mains adapter | Hollow plug, inside plus, outside 3,5 mm, inside 1,5 mm |
| Battery / accumulator type | NiMH |
| Battery | 3×1.5 V AA |
| Battery connection | Pad + Spring |
| Battery operating time | 40 h |
| Battery capacity | 1.800 mAh |
| Battery voltage | 3,6 V |
| Battery – Individual weight | 79 g |
| Battery capacity (Wh) | 6,48 Wh |
| Rechargeable battery | HFA-A01 |
| Rechargeable battery operating time - backlight on | 24 h |
| Rechargeable battery operating time - backlight off | 30 h |
| Rechargeable battery charging time | 12 h |
| Battery/Accu connected | fixed electrical connection, not insulated |

## Environmental conditions

| | |
|---|---|
| Ambient temperature [Min] | 5 °C |
| Ambient temperature [Max] | 35 °C |
| Humity of environment [Max] | 80 % |
| Storage temperature [Min] | -20 °C |
| Storage temperature [Max] | 60 °C |

## Approval

| | |
|---|---|
| CE mark | ✓ |
| TÜV-tested | ✓ |

## Services (optional)

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

## Packing & Shipping

| | |
|---|---|
| Delivery time | 1 d |
| Dimensions packaging (W×D×H) | 505×405×125 mm |
| Shipping method | Parcel service |
| Net weight approx. | 2,2 kg |
| Gross weight approx. | 3,6 kg |
| Shipping weight | 5,1 kg |
| Shipping volume weight | 5,1 kg |

## Product information

| | |
|---|---|
| GTIN/EAN number | 4045761144606 |
| Trade number | 84238220 |
| REACH classification | no prohibited substances |

## Pictograms

### STANDARD

### OPTION