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: 02.10.2026

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 lb 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
Warm-up time	10 min

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 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

Hold function	✓
Peak function	✓
Sum memory function	✓
Tolerance weighing	✓
Capacity - Display	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min 5 min 30 min 15 min
Auto-off interval(s) in mains power mode	5 min 30 min 15 min
Tare function	manual (multi)
Underfloor weighing	None
Recipe/summing level	Sum A

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Range of radio module	20 m
Number of keys for operation	8
Tolerance weighing - type of signal	acoustically visual

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 UK US
Plug-in power supply / adapter for countries - optional	EURO UK US 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

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
Warranty Time	36 mon
REACH classification	no prohibited substances

Pictograms

STANDARD

OPTION