

KERN HFA 3T-3

Compact crane scale with integrated display can also be used for tensile force measurement



Approval

CE mark	✓
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Display

Display type	LCD
Display backlight	✓
Display digit height - smallest digit	2 mm
Display digit height	23 mm

Construction

Dimension housing (W×D×H)	90×61×255 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 loop/top - thickness (H)	30 mm
Dimensions hook/bottom - hole diameter (G)	27 mm
Dimensions - inner length (E)	165 mm
Dimensions loop/top - hole diameter (F)	27 mm
Dimensions hook/bottom - thickness (I)	30 mm
Material housing	aluminium
Material load hook	stainless steel bushing
Material load cell(s)	aluminium
Load cells - number	1

Functions

Number of keys for operation	5
Auto-off interval(s) in mains power mode	5 min 30 min 15 min
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min 5 min 30 min 15 min
Tare function	manual (multi)
Hold function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	visual
Peak function	✓
Underfloor weighing	None

Category

Brand	KERN
Product category	Industrial scale
Product group	Crane scale
Product family	HFA

Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	3000 kg
Readability [d]	1 kg
Resolution	3.000
Linearity	± 2 kg
Reproducibility	1 kg
Default unit	kg
Units	kg lb N
Adjustment options	Adjusting with external weight
Recommended adjusting weight	3000 kg (M3)
Possible calibration points	3000 kg
Stabilization time	2 s
Warm-up time	10 min
Eccentric/Off-centre loading is not possible	✓
Maximum creep (15 minutes)	4 kg
Maximum creep (30 minutes)	8 kg
Loadcell type	aluminium silicone-coated
Tolerance (% of [Max])	0,2%
Internal measuring frequency	60 Hz

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Power Supply

Input voltage power supply / power [Max]	100 V - 240 V, 50 / 60 Hz
Input voltage device / power [Max]	9 V, 800 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 US
Plug-in power supply / adapter for countries - optional	EURO UK US CH
Rechargeable battery charging time	12 h
Rechargeable battery operating time - backlight on	15 h
Rechargeable battery operating time - backlight off	30 h
Battery	3×1.5 V AA
Battery / accumulator type	NiMH
Battery connection	Pad + Spring
Battery capacity	1.800 mAh
Battery voltage	3,6 V
Battery operating time	30 h

Environmental conditions

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

Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	385×315×125 mm
Net weight	1,9 kg
Shipping method	Parcel service
Net weight approx.	2,0 kg
Gross weight approx.	2,8 kg
Shipping weight	3 kg

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 (verification)	969-517
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Pictograms

STANDARD



OPTION

