

KERN HFA 1T-4



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)	90×55×255 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)	32 mm
Dimensions - inner length (E)	165 mm
Dimensions loop/top - hole diameter (F)	32 mm
Dimensions hook/bottom - thickness (I)	30 mm
Material housing	aluminium
Material load hook	stainless steel bushing
Material load cell(s)	aluminium

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]	1000 kg
Readability [d]	0,5 kg
Resolution	2.000
Linearity	± 1 kg
Reproducibility	0,5 kg
Default unit	kg
Units	kg lb N
Adjustment options	Adjusting with external weight
Recommended adjusting weight	1000 kg (M3)
Possible calibration points	1000 kg
Stabilization time	2 s
Warm-up time	10 min
Eccentric/Off-centre loading is not possible	✓
Maximum creep (15 minutes)	1 kg
Maximum creep (30 minutes)	2 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	Battery & Power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US
	EURO
Plug-in power supply / adapter for countries - optional	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)	400×330×130 mm
Net weight	1,8 kg
Shipping method	Parcel service
Net weight approx.	1,8 kg
Gross weight approx.	2,8 kg
Shipping weight	3,4 kg

Services (optional)

Article number for adjustment at the location of installation	961-250
Article number for DAkkS calibration	963-130H

Article number for certificate of conformity (verification) 969-517

Pictograms

STANDARD



OPTION

