

# 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
Languages of the user interface	English Symbol language

## 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)	27 mm
Dimensions - inner length (E)	165 mm
Dimensions loop/top - hole diameter (F)	27 mm
Dimensions hook/bottom - thickness (I)	30 mm
Material display housing	Steel
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
Capacity - Display	✓
Tare function	manual (multi)
Hold function	✓
Tolerance weighing	✓
Tolerance weighing - type of signal	visual

## 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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Peak function	✓
Underfloor weighing	None

## 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)	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
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Article number for DAkkS calibration	963-130H
Article number for certificate of conformity (verification)	969-517

## Pictograms

### STANDARD



### OPTION

