KERN **HFA 1T-4**

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

Category

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

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	1000 kg
Readability [d]	0,5 kg
Reproducibility	0,5 kg
Linearity	± 1 kg
Resolution	2.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	1000 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	60 Hz
Tolerance (% of [Max])	0,2%
Maximum creep (15 minutes)	1 kg
Maximum creep (30 minutes)	2 kg
Default unit	kg
Loadcell type	aluminium silicone-coated

Display

Display type	LCD
Display backlight	✓
Display screen size	60×36 mm
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 - 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	steel
Material load cell(s)	aluminium
Load cells - number	1

Functions

Tolerance weighing	✓
Tolerance weighing - type of signal	visual
Underfloor weighing	None
Capacity - Display	✓
Hold function	✓
Peak function	✓
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)
Number of keys for operation	5

Power Supply

Supplied power supply	Accu & Power supply

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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	30 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	15 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	961-250
Article number for DAkkS calibration	963-130H
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	400×330×130 mm
Shipping method	Parcel service
Net weight approx.	2,0 kg
Gross weight approx.	2,8 kg
Shipping weight	3,4 kg
Shipping volume weight	3,4 kg

Product information

GTIN/EAN number	4045761144286
Trade number	84238220
REACH classification	no prohibited substances

Pictograms

STANDARD

OPTION