

KERN HFA 10T-3



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

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	10000 kg
Readability [d]	5 kg
Reproducibility	5 kg
Linearity	± 10 kg
Resolution	2.000
Adjustment options	Adjusting with external weight
Recommended adjusting weight	10000 kg (M3)
Possible calibration points	10000 kg
Stabilization time	2 s
Warm-up time	10 min
Maximum creep (15 minutes)	10 kg
Maximum creep (30 minutes)	20 kg
Eccentric/Off-centre loading is not possible	✓
Default unit	kg
Units	kg lb N
Internal measuring frequency	60 Hz
Tolerance (% of [Max])	0,2%
Loadcell type	stainless steel silicone-coated

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)	90×71,6×275 mm
Dimensions housing - width (A)	90 mm
Dimensions housing - depth (B)	72 mm
Dimensions housing - height/length (C)	100 mm
Dimensions - total height/total length (D)	275 mm
Dimensions - inner length (E)	185 mm
Dimensions loop/top - hole diameter (F)	40 mm
Dimensions hook/bottom - hole diameter (G)	40 mm
Dimensions loop/top - thickness (H)	40 mm
Dimensions hook/bottom - thickness (I)	40 mm
Material housing	steel
Material load hook	steel
Material display housing	Steel
Material load cell(s)	Stainless steels
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

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Power Supply

Supplied power supply	Accu & Power supply
Plug-in 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
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
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

Environmental conditions

Ambient temperature [Min]	5 °C
Ambient temperature [Max]	35 °C
Humidity 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	961-252
Article number for DAkkS calibration	963-133H
Article number for certificate of conformity (verification)	969-517

Packing & Shipping

Delivery time	1 d
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Dimensions packaging (W×D×H) 390×315×125 mm

Shipping method Parcel service

Net weight approx. 6 kg

Gross weight approx. 7 kg

Shipping weight 6,5 kg

Pictograms

STANDARD



OPTION

