KERN **HFA 5T-3**

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



Date of creation: 20.06.2026

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

Measuring System	
Weighing system	Strain gauge
Weighing capacity [Max]	5000 kg
Readability [d]	2 kg
Reproducibility	2 kg
Linearity	± 4 kg
Resolution	2.500
Adjustment options	Adjusting with external weight
Recommended adjusting weight	3000 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)	4 kg
Maximum creep (30 minutes)	8 kg
Default unit	kg
Loadcell type	stainless steel 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)	90×61×255 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 - inner length (E)	165 mm
Dimensions loop/top - hole diameter (F)	30 mm
Dimensions hook/bottom - hole diameter (G)	30 mm
Dimensions loop/top - thickness (H)	30 mm
Dimensions hook/bottom - thickness (I)	30 mm
Material housing	steel
Material load hook	steel
Material display housing	steel
Material load cell(s)	stainless steel
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
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	961-252
Article number for DAkkS calibration	963-132H
Article number for certificate of conformity	969-517

Packing & Shipping

Delivery time	1 d
Dimensions packaging (W×D×H)	395×325×125 mm
Shipping method	Parcel service
Net weight approx.	4,2 kg
Gross weight approx.	5,0 kg
Shipping weight	4,91 kg
Shipping volume weight	3,2 kg

Product information

GTIN/EAN number	4045761144569
Trade number	84238220
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

