

KERN HFA 5T-3

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



Approval

CE mark	✓
---------	---

Display

Display type	LCD
Display backlight	✓
Display digit height - smallest digit	2 mm
Display digit height	23 mm
Languages of the user interface	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 loop/top - thickness (H)	30 mm
Dimensions hook/bottom - hole diameter (G)	30 mm
Dimensions - inner length (E)	165 mm
Dimensions loop/top - hole diameter (F)	30 mm
Dimensions hook/bottom - thickness (I)	30 mm
Material housing	steel
Material load hook	steel
Material load cell(s)	Stainless steels
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
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]	5000 kg
Readability [d]	2 kg
Resolution	2.500
Linearity	± 4 kg
Reproducibility	2 kg
Default unit	kg
Units	kg lb N
Adjustment options	Adjusting with external weight
Recommended adjusting weight	3000 kg (M3)
Possible calibration points	3000 kg
Stabilization time	2 s
Warm-up time	10 min
Eccentric/Off-centre loading is not possible	✓
Maximum creep (15 minutes)	4 kg
Maximum creep (30 minutes)	8 kg
Loadcell type	stainless steel silicone-coated
Tolerance (% of [Max])	0,2%
Internal measuring frequency	60 Hz

KERN HFA 5T-3

KERN

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

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)	395×325×125 mm
Net weight	3,95 kg
Shipping method	Parcel service
Net weight approx.	4,0 kg
Gross weight approx.	4,6 kg
Shipping weight	4,55 kg

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 (verification)	969-517
-------------------------------------------------------------	---------

Pictograms

STANDARD



OPTION

