

KERN HFC 5T-3



Compact crane scale for use in harsh environmental conditions or where space is limited, with convenient hand-held terminal



Display

Display type	LCD
Display type	LCD with backlight
Display backlight	✓
Display digit height	23 mm

Construction

Dimension display device (W×D×H)	88×64×256 mm
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 display housing	Metal
Material housing	steel
Material load hook	steel
Material load cell(s)	Stainless steels

Functions

Number of keys for operation	8
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	acoustically visual
Peak function	✓
Range of radio module	20 m
Recipe/summing level	Sum A
Sum memory function	✓
Underfloor weighing	None

Category

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

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	10 Hz

Approval

CE mark	✓
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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	Battery & Power supply
Plug-in power supply / adapter for countries - included with the delivery	EURO UK US
	EURO
Plug-in power supply / adapter for countries - optional	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	40 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)	405×505×125 mm
Net weight	3,9 kg
Shipping method	Parcel service
Net weight approx.	4,0 kg
Gross weight approx.	6 kg
Shipping weight	5,8 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

