

# 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
Load cells - number	1

## 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	✓

## 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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Underfloor weighing                      None

## 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                      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

