

# KERN HFM 3T0.5



Robust industrial crane scale with bright LED display for optimum reading in unfavourable ambient conditions



## Approval

CE mark	✓
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## Display

Display type	LED segments
Display digit height	30 mm
Languages of the user interface	English

## Construction

Dimension display device (W×D×H)	270×175×200 mm
Dimensions housing - width (A)	270 mm
Dimensions housing - depth (B)	200 mm
Dimensions housing - height/length (C)	175 mm
Dimensions - total height/total length (D)	610 mm
Dimensions hook/bottom - hole diameter (G)	40 mm
Dimensions - inner length (E)	540 mm
Dimensions loop/top - hole diameter (F)	74 mm
Dimensions completely mounted (W×D×H)	270×175×610 mm
Material display housing	Cast aluminium
Material housing	cast aluminium
Material load hook	steel, varnished
Material load cell(s)	aluminium

## Functions

Number of keys for operation	4
Auto-off interval(s) in mains power mode	selectable
	off
Auto-off interval(s) in battery mode/rechargeable battery mode	5 min
	10 min
	30 min
	20 min
Wireless operation	✓
Tare function	manual (multi)
Hold function	✓
Range of radio module	20 m
Underfloor weighing	None
IP protection - load cell	IP67

## Power Supply

Input voltage power supply / power [Max]	110 V - 230 V AC
Input voltage device / power [Max]	12 V, 500 mA

## Category

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

## Measuring System

Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	3000 kg
Readability [d]	0,5 kg
Resolution	6.000
Linearity	± 2 kg
Reproducibility	1 kg
Tare range	-3000 kg
Default unit	kg
Units	kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	3000 kg (M1)
Possible calibration points	3000 kg
Stabilization time	2 s
Warm-up time	30 min
Eccentric/Off-centre loading is not possible	✓
Maximum creep (15 minutes)	2 kg
Maximum creep (30 minutes)	4 kg
Loadcell type	aluminium IP67 silicone-coated + glued on plate
Tolerance (% of [Max])	0,2%

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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 CH
Plug-in power supply / adapter for countries - optional	EURO AUS UK US CH
Rechargeable battery charging time	14 h
Rechargeable battery operating time - backlight on	50 h
Rechargeable battery operating time - backlight off	50 h
Battery	1×12 V, Type 23 A
Battery / accumulator type	Pb
Battery connection	Plug-in terminals
Battery capacity	10.000 mAh
Battery voltage	6 V

## Pictograms

### STANDARD



### OPTION



## Environmental conditions

Humidity of environment [Min]	0 %
Humidity of environment [Max]	80 %
Ambient temperature [Min]	0 °C
Ambient temperature [Max]	40 °C
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

## Packing & Shipping

Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	375×545×340 mm
Net weight	15,7 kg
Shipping method	Parcel service
Net weight approx.	16 kg
Gross weight approx.	18 kg
Shipping weight	18 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