

# KERN HFM 5T0.5

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



## Approval

CE mark ✓

## Display

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

## Construction

Dimension display device (W×D×H) 300×190×230 mm  
 Dimensions housing - width (A) 300 mm  
 Dimensions housing - depth (B) 230 mm  
 Dimensions housing - height/length (C) 190 mm  
 Dimensions - total height/total length (D) 730 mm  
 Dimensions hook/bottom - hole diameter (G) 55 mm  
 Dimensions - inner length (E) 650 mm  
 Dimensions loop/top - hole diameter (F) 74 mm  
 Dimensions completely mounted (W×D×H) 310×230×800 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  
 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  
 Plug-in power supply type Power adapter  
 Supplied power supply Battery & Power supply

## 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] 5000 kg  
 Readability [d] 0,5 kg  
 Resolution 10.000  
 Linearity ± 5 kg  
 Reproducibility 2,5 kg  
 Tare range -5000 kg  
 Default unit kg  
 Units kg  
 Adjustment options Adjusting with external weight  
 Recommended adjusting weight 5000 kg (M1)  
 Possible calibration points 5000 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 / 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

## 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)	400×810×455 mm
Net weight	17,8 kg
Shipping method	Parcel service
Net weight approx.	18 kg
Gross weight approx.	28 kg
Shipping weight	29,5 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

