

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 Accu & 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

