

KERN HFM 3T0.5

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) 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	Accu & 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