

KERN HFM 1T0.1

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) 68 mm

Dimensions completely mounted (W×D×H) 270×175×620 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] 220 V - 240 V AC, 50 Hz

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]	1000 kg
Readability [d]	0,1 kg
Resolution	10.000
Linearity	± 1 kg
Reproducibility	0,5 kg
Tare range	-1000 kg
Default unit	kg
Units	kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	1000 kg (M1)
Possible calibration points	1000 kg
Stabilization time	2 s
Warm-up time	30 min
Eccentric/Off-centre loading is not possible	✓
Maximum creep (15 minutes)	400 g
Maximum creep (30 minutes)	800 g
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

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)	370×555×335 mm
Net weight	13,6 kg
Shipping method	Parcel service
Net weight approx.	14 kg
Gross weight approx.	16 kg
Shipping weight	15,5 kg

Services (optional)

Article number for adjustment at the location of installation	961-250
Article number for DAkkS calibration	963-130H
Article number for certificate of conformity (verification)	969-517

Pictograms

STANDARD



OPTION

