

KERN HFM 1T0.1



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



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%

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)	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

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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

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

