

KERN HFM 10T1

KERN

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]	10000 kg
Readability [d]	1 kg
Resolution	10.000
Linearity	± 10 kg
Reproducibility	5 kg
Tare range	10000 kg
Default unit	kg
Units	kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	10000 kg (M1)
Possible calibration points	10000 kg
Stabilization time	2 s
Warm-up time	30 min
Eccentric loading at 1/3 [Max]	10 kg
Eccentric/Off-centre loading is not possible	✓
Maximum creep (15 minutes)	4 kg
Maximum creep (30 minutes)	8 kg
Tolerance (% of [Max])	0,2%

Approval

CE mark	✓
---------	---

Display

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

Construction

Dimension display device (W×D×H)	300×230×190 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)	840 mm
Dimensions hook/bottom - hole diameter (G)	60 mm
Dimensions - inner length (E)	750 mm
Dimensions loop/top - hole diameter (F)	92 mm
Dimensions completely mounted (W×D×H)	300×190×850 mm
Material display housing	Cast aluminium
Material housing	cast aluminium
Material load hook	steel, varnished

Functions

Number of keys for operation	4
Auto-off interval(s) in mains power mode	selectable
Auto-off interval(s) in battery mode/rechargeable battery mode	off 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

Power Supply

Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	12 V, 500 mA
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

KERN HFM 10T1



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

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)	2 d
Dimensions packaging (W×D×H)	800×395×470 mm
Net weight	33,9 kg
Shipping method	Freight
Net weight approx.	34 kg
Gross weight approx.	40 kg
Shipping weight	38,4 kg

Services (optional)

Article number for adjustment at the location of installation	961-252
Article number for DAkkS calibration	963-133H
Article number for certificate of conformity (verification)	969-517

Pictograms

STANDARD



OPTION

