

KERN HFM 10T1

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



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

Construction

Dimensions completely mounted (W×D×H)	300×190×850 mm
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 - inner length (E)	750 mm
Dimensions loop/top - hole diameter (F)	92 mm
Dimensions hook/bottom - hole diameter (G)	60 mm
Material housing	cast aluminium
Material load hook	steel, varnished
Material display housing	Cast aluminium
Material load cell(s)	stainless steel
Load cells - number	1

Functions

Wireless operation	✓
Underfloor weighing	None
Range of radio module	20 m
Hold function	✓
Auto-off interval(s) in battery mode/rechargeable battery mode	off 5 min 10 min 30 min 20 min
Auto-off interval(s) in mains power mode	selectable
Tare function	manual (multi)
Number of keys for operation	4

Power Supply

Supplied power supply	Accu & Power supply
Plug-in power supply type	Power adapter
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

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
Reproducibility	5 kg
Linearity	± 10 kg
Resolution	10.000
Tare range	10000 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
Maximum creep (15 minutes)	4 kg
Maximum creep (30 minutes)	8 kg
Eccentric/Off-centre loading is not possible	✓
Default unit	kg
Units	kg
Tolerance (% of [Max])	0,2%

Display

Display type	LED segments
Display backlight	LED

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Pictograms

STANDARD



OPTION



	US CH
Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	12 V, 500 mA
Battery / accumulator type	Pb
Battery	1×12 V, Type 23 A
Battery connection	Plug-in terminals
Battery operating time	50 h
Battery capacity	10.000 mAh
Battery voltage	6 V
Rechargeable battery	6 V, 10 Ah
Rechargeable battery operating time - backlight on	50 h
Rechargeable battery operating time - backlight off	50 h
Rechargeable battery charging time	14 h

Environmental conditions

Ambient temperature [Min]	0 °C
Ambient temperature [Max]	40 °C
Humidity of environment [Min]	0 %
Humidity of environment [Max]	80 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C

Approval

CE mark	✓
TÜV-tested	✓

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	969-517

Packing & Shipping

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