KERN **HFM 10T1**

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

Date of creation: 02.10.2026

Category	
Brand	KERN
Product category	Industrial scale
Product group	Crane scale
Product family	HFM

Measuring System	
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)
Eccentric/Off-centre loading is not possible	✓
Stabilization time	2 s
Construction type of the scale	Single-range balance
Units	kg
Tolerance (% of [Max])	0,2%
Maximum creep (15 minutes)	4 kg
Maximum creep (30 minutes)	8 kg
Default unit	kg
Warm-up time	30 min

Display	
Display type	LED segments
Display backlight	LED
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, lacquered
Material display housing	cast aluminium
Material load cell(s)	stainless steel
Load cells - number	1

Functions	
Hold function	✓
Wireless operation	✓
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)
Underfloor weighing	None
Range of radio module	20 m
Number of keys for operation	4

Power Supply	
Supplied power supply	Accu & Power supply
Power supply type	Power adapter

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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
Input voltage power supply / power [Max]	220 V - 240 V AC, 50 Hz
Input voltage device / power [Max]	12 V, 500 mA
Power socket for mains adapter	Hollow plug, inside plus, Ø outside 5,5 mm, Ø inside 2,1 mm, long 9,5 mm
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
Battery – Number of cells	1
Battery – Individual weight	1570 g
Battery – Total weight	1570 g
Battery – Construction	Individual cells
Battery capacity (Wh)	60 Wh
Battery – Tests passed UN 38.3	✓
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
Battery/Accu connected	fixed electrical connection, no leakage current (insulated)

Environmental conditions

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

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

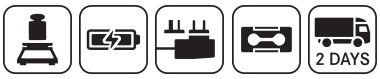
Delivery time	2 d
Shipping method	Freight
Net weight approx.	34 kg
Gross weight approx.	38 kg
Shipping weight	37,6 kg

Product information

GTIN/EAN number	4045761111684
Trade number	84238920
Warranty Time	36 mon
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION