

KERN HFM 3T0.5

KERN

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



Languages of the user interface English

Construction

Dimensions completely mounted (W×D×H)	270×175×610 mm
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 - inner length (E)	540 mm
Dimensions loop/top - hole diameter (F)	74 mm
Dimensions hook/bottom - hole diameter (G)	40 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

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
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 US CH

Category

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

Measuring System

Weighing system	Strain gauge
Weighing capacity [Max]	3000 kg
Readability [d]	0,5 kg
Reproducibility	1 kg
Linearity	± 2 kg
Resolution	6.000
Tare range	-3000 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	3000 kg (M1)
Stabilization time	2 s
Warm-up time	30 min
Eccentric/Off-centre loading is not possible	✓
Construction type of the scale	Single-range balance
Units	kg
Tolerance (% of [Max])	0,2%
Maximum creep (15 minutes)	2 kg
Maximum creep (30 minutes)	4 kg
Default unit	kg

Display

Display type	LED segments
Display backlight	LED
Display digit height	30 mm

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Input voltage power supply / power [Max]	110 V - 230 V AC
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	1748 g
Battery – Total weight	1748 g
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
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	963-132H
Article number for certificate of conformity	969-517

Packing & Shipping

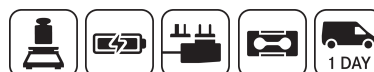
Delivery time	1 d
Dimensions packaging (W×D×H)	375×545×340 mm
Shipping method	Parcel service
Net weight approx.	16 kg
Gross weight approx.	18 kg
Shipping weight	18 kg

Product information

GTIN/EAN number	4045761111721
REACH classification	no prohibited substances

Pictograms

STANDARD



OPTION

