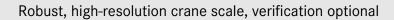
# KERN HFD 1T-4M







Category	
Brand	KERN
Product categoriy	Industrial scale
Product group	Crane scale
Product family	HFD

Measuring System	
Conformity assessment possible	/
Construction type of the scale	Single-range balance
Weighing system	Strain gauge
Weighing capacity [Max]	1500 kg
Readability [d]	0,5 kg
Resolution	3.000
Linearity	± 0,5 kg
Reproducibility	0,5 kg
Tare range	1499,5 kg
Default unit	kg
Units	kg
Units (if device is conformity assessed)	kg
Minimum weight [Min]	10 kg
Adjustment options	Adjusting with external weight
Recommended adjusting weight	1500 kg (M1)
Stabilization time	2 s
Warm-up time	10 min
Eccentric/Off-centre loading is not possible	<b>✓</b>
Loadcell type	HS-16 3T
Load cell connection	4-wire
Tolerance (% of [Max])	0,2%
Internal measuring frequency	10 Hz

Approval	
CE mark	✓
Pattern approval for conformity assessment	/
Accuracy classe	III
Verification scale interval [e]	0,5 kg
Conformity assessment possible ex works	1

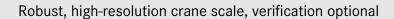
Display	
Display type	LCD
Display screen size	115 x40 mm
Display backlight	LED white
Display digit height	30 mm
Languages of the user interface	Symbol language

Construction	
Dimension display device (W×D×H)	194×160×129 mm
Dimensions housing - width (A)	194 mm
Dimensions housing - depth (B)	129 mm
Dimensions housing - height/ length (C)	160 mm
Dimensions - total height/total length (D)	422 mm
Dimensions hook/bottom - hole diameter (G)	50,8 mm
Dimensions - inner length (E)	384 mm
Dimensions loop/top - hole diameter (F)	50,8 mm
Dimensions completely mounted (W×D×H)	422×194×129 mm
Material housing	cast aluminium
Material load hook	unalloyed forged steel
Material suspension	unalloyed forged steel
Material load cell(s)	high-alloy steel
Load cells - number	1

Functions	
Number of keys for operation	5
Auto-off interval(s) in mains power mode	selectable
Auto-off interval(s) in battery mode/rechargeable battery mode	3 min off 5 min 15 min
Wireless operation	✓
Capacity display	✓
Tare function	manual (single)

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## KERN **HFD 1T-4M**





Standby function 20 m Range of radio module

Bluetooth BTC (v4.0) Interfaces (optional, factory)

**Power Supply** 

Input voltage power supply / 110 V - 240 V AC power [Max]

Input voltage device / power [Max] 12 V, 2500 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

UK CH **EURO** 

**EURO** 

Plug-in power supply / adapter for countries - optional

UK CH

Rechargeable battery charging time

12 h

Rechargeable battery operating time - backlight on

30 h

Rechargeable battery operating

70 h

time - backlight off

1×12 V, Type 23 A

Battery / accumulator type

Li-lon

**Battery connection** 

Plug-in terminals

Battery capacity

Battery

5.200 mAh

**Environmental conditions** 

Humity of environment [Min] 0 % Humity of environment [Max] 80 % Ambient temperature [Min] -10 °C Ambient temperature [Max] 40 °C

Packing & Shipping

Readability force [d] (N) 1 d

Dimensions packaging (W×D×H) 720×270×270 mm

Net weight 9 kg

Parcel service Shipping method

Net weight approx. 9 kg Gross weight approx. 10 kg Shipping weight 10,5 kg

Services (optional)

Article number for adjustment at the location of installation

961-250

Article number for conformity assessment

965-130H

Article number for DAkkS calibration

963-130H

Article number for certificate of conformity (verification)

969-517

### **Pictograms**

#### **STANDARD**











#### **OPTION**



#### **FACTORY**



