PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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KERN HFD 1T-4

Robust, high-resolution crane scale

ENGLISH



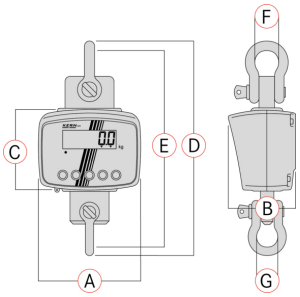
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APPLICATION EXAMPLE



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FEATURES

- With the TÜV certification mark, the scale meets the requirements of the standard EN 13155 (Non-fixed load lifting attachments/Breakage resistance) and EN 61010-1 (Electrical safety)
- Because of its stable construction and robust design, it is ideal for continuous use in industrial environment
- High mobility: thanks to rechargeable battery operation, compact, lightweight construction, it is suitable for the use in several locations (production, warehouse, dispatch department, etc.)
- Hold function: the weight display is "frozen" when the Hold button is pressed
- Tare: Resets the display to „0“ when there is a load on the scale. Now removed or added loads are directly displayed
- Radio remote control standard. Range up to 20 m. All functions can be selected (excl. ON/OFF). W×D×H 65×24×100 mm. Batteries included, 1×12V, 23A

TECHNICAL DATA

- Superior display size: digit height 30 mm, bright backlight for easy reading of weighing results, even in poor lighting conditions
- Rechargeable battery pack integrated, as standard, operating time up to 70 h without backlight, charging time approx. 12 h. Battery pack accessible from the outside, which means it is easy to replace
- Precision: 0,2% of [Max]
- Weighing units: kg
- Overall dimensions W×D×H 422×194×129 mm
- Net weight approx. 9 kg
- Permissible ambient temperature -10 °C/40 °C

MAIN SCOPE OF APPLICATIONS

- Industry and production
- Construction and building sites
- Warehouse logistics
- Energy and raw materials industry
- Scrap and recycling industry

PICTOGRAMS

Standard



Option



MODEL OVERVIEW

Model	Weighing capacity [Max]	Readability [d]	Net weight approx.
HFD 600K-1	150 kg; 300 kg; 600 kg	0,05 kg; 0,1 kg; 0,2 kg	9 kg
HFD 1T-4	300 kg; 600 kg; 1500 kg	0,1 kg; 0,2 kg; 0,5 kg	9 kg
HFD 3T-3	600 kg; 1500 kg; 3000 kg	0,2 kg; 0,5 kg; 1 kg	10 kg
HFD 6T-3	1500 kg; 3000 kg; 6000 kg	0,5 kg; 1 kg; 2 kg	15 kg
HFD 10T-3	3000 kg; 6000 kg; 12000 kg	1 kg; 2 kg; 5 kg	22 kg

ACCESSORIES

Model	Description
HFD-A01	Hook for crane scale HFD-A01
HFD-A04	Rechargeable battery pack HFD-A04 (Li-Ion, 5.200 mAh)
HFD-A07	Charging station HFD-A07 (Li-Ion)

SERVICES

Model	Description
961-250	Adjustment at the location of installation 961-250 (Not in combination with verification)
963-130H	DAkkS calibration certificate 963-130H
969-517	Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate)969-517

Model	Description
970-017	Warranty extension (+3 years) 970-017

KERN Pictogram Overview

	External adjustment: Adjusting accuracy using external adjustment weight
	Sum function: The weight values of weighed items can be added together and the total printed out
	Rechargeable battery pack: Rechargeable set
	Universal plug-in power supply: With universal input and optional input socket adapters for EU, CH, GB or EU, CH, GB, US or EU, CH, GB, US, AUS
	Weighing principle Strain gauges: Electrical resistor on an elastic deforming body
	Package shipment by courier service: The duration of internal product provision is one day
	Accredited calibration (DKD): The duration of the accredited calibration is 3 working days

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