PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

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KERN HFC 10T-3

Compact crane scale for use in harsh environmental conditions or where space is limited, with convenient hand-held terminal

ENGLISH

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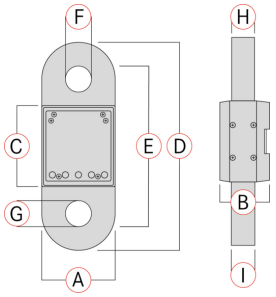

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FEATURES

- 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)
- With its high-quality finish, low weight and compact dimensions, this crane scale (tensile force gauge) is an essential device for industrial use, on building sites, in freight centres, ports etc.
- Because of its compact design it is also ideally suited for installation in systems where space is limited, etc.
- Peak load display (peak hold)
- Hold function: For easy reading of the weighing result, the display can be „frozen“ by pressing the Hold key
- Tare: Resets the display to „0“ when there is a load on the scale. Now removed or added loads are directly displayed
- Display device with integrated radio module, which the user can carry around with him, thanks to the convenient hand strap, standard. In this way the weighing data can always be read off the display device by the user, even when the user is a long way from the load receptor (force gauge) or under poor lighting conditions. Range up to 20 m. All functions can be selected

TECHNICAL DATA

- Material and design of housing/load support: steel/steel
- Precision: 0,2% of [Max]
- Internal measuring frequency:10 Hz
- Weighing units: kg, lb, N
- Permissible ambient temperature 5 °C/35 °C
  Display device
- Large backlit LCD display, digit height 23 mm
- Rechargeable battery pack integrated, as standard, operating time up to 30 h without backlight, charging time approx. 12 h
- Dimensions of display device W×D×H 85×64×256 mm
  Load receptor
- Internal rechargeable battery pack included with the delievery, Operating time up to 35 h without backlight, charging time approx. 8 h
- Optional battery operation, 3×1.5 V AA not included in scope of delivery, operating time up to 40 h
- Overall dimensions 90×71,6×275 mm

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.
HFC 600K-1	600 kg	0,2 kg	1,8 kg
HFC 1T-4	1000 kg	0,5 kg	1,8 kg
HFC 3T-3	3000 kg	1 kg	2,2 kg
HFC 5T-3	5000 kg	2 kg	4,0 kg
HFC 10T-3	10000 kg	5 kg	6 kg

ACCESSORIES

Model	Description
HFA-A01	Rechargeable battery pack HFA-A01 (NiMH, 3,6 V, 1.800 mAh)
HFC-A01	Rechargeable battery pack HFC-A01 (NiMH, 7.2 V 2000 mAh)
YHA-04	Hook for crane scale YHA-04
YSC-02	Shackle for crane scale YSC-02

SERVICES

Model	Description
961-252	Adjustment at the location of installation 961-252 (Not in combination with verification)
963-133H	DAkkS calibration certificate 963-133H

Model	Description
969-517	Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate)969-517
970-108	Warranty extension (+2 years) 970-108

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
	Units can be switched to e.g. non-metric units
	Measuring with tolerance range (checkweighing): Upper and lower limit values can be programmed, e.g. for sorting, portioning or for measuring coatings or material thicknesses. The process is supported by an acoustic and/or optical signal
	Battery operation: Ready for battery operation
	Rechargeable battery pack: Rechargeable set
	Plug-in power supply: 230V/50Hz in standard version for EU, CH. On request GB, USA or AUS version available
	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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