PROFESSIONAL MEASURING
SINCE 1844

KERN

Product brochure

30.10.2026

KERN HFA 3T-3

Compact crane scale with integrated display can also be used for tensile force measurement

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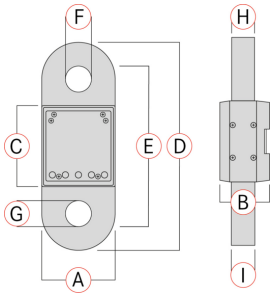
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FEATURES

- 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.
- Ideally suited for determining weight quickly while loading and unloading
- 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

TECHNICAL DATA

- Large backlit LCD display, digit height 23 mm
- Material and design of housing/load support: stainless steel bushing/aluminium
- Rechargeable battery pack integrated, as standard, operating time up to 30 h without backlight, charging time approx. 12 h
- Optional battery operation, 3×1.5 V AA not included in scope of delivery, operating time up to 30 h
- Precision: 0,2% of [Max]
- Internal measuring frequency:60 Hz
- Weighing units: kg, lb, N
- Permissible ambient temperature 5 °C/35 °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.
HFA 600K-1	600 kg	0,2 kg	2,2 kg
HFA 1T-4	1000 kg	0,5 kg	2,0 kg
HFA 3T-3	3000 kg	1 kg	2,2 kg
HFA 5T-3	5000 kg	2 kg	4,2 kg
HFA 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)
YHA-02	Hook for crane scale YHA-02
YSC-01	Shackle for crane scale YSC-01

SERVICES

Model	Description
961-252	Adjustment at the location of installation 961-252 (Not in combination with verification)
963-132H	DAkkS calibration certificate 963-132H
969-517	Confirmation of the manufacturer’s specification (only in combination with DAkkS calibration certificate)969-517
970-103	Warranty extension (+2 years) 970-103

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KERN Pictogram Overview

	External adjustment: Adjusting accuracy using external adjustment weight
	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
	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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