

PRODUCT BROCHURE

KERN HFA 10T-3

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ENGLISH



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

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PRODUCT SHOWCASE



DESCRIPTION

- 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

SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	HFA 10T-3
Model-Serie	HFA
Assortment	KERN
Product Type	Industrial scales
Product group	Crane scale
Product usage type	Main article

EAN code (Model)	4045761144545
Customs tariff number	84238920
CE Label	yes

Technical data - Primary

Weighing capacity	10000 kg
Readability	5 kg
Net weight	5.5 kg

Hanging scale (A)	90 mm
Hanging scale (B)	72 mm
Hanging scale (C)	100 mm
Hanging scale (D)	275 mm
Hanging scale (E)	185 mm
Hanging scale (F)	40 mm
Hanging scale (G)	40 mm

Technical data - Construction

Material casing	steel
Dimensions casing (W×D×H)	90×71.6×275 mm
Internal measurement frequency	60 Hz
TUEV (TÜV)	yes

Technical data - Display

Display height	23 mm
Backlight	yes

Technical data - Power supply

Battery	3×1.5 V AA
Operating time	30 h
Mains adapter/adaptor included	EURO;UK;US
Charging time	12 h
Input Voltage	100 V - 240 V, 50 / 60 Hz
Operating time (Backlight off)	30 h

Technical data - Measuring system

Calibration method	Adjusting with external weight
Linearity	± 10 kg
Readability	5 kg
Recommended adjusting weight	10000 kg (M3)
Repeatability	5 kg
Resolution	2.000
Warm up time	10 min
Weighing units	kg;lb;N

Technical data - Environmental conditions

Maximum humidity	80 %
Maximum operating temperature	35 °C
Minimum ambient temperature	5 °C

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	390×315×125 mm
Gross weight	7 kg
Net weight	6 kg
Shipping method	Parcel service
UN number	3496
Packaging component - by weight - cardboard	500 g
Packaging component - by weight - plastics	500 g
Delivery time	1 d

Optional Services

DAkkS Calibration 963-133H

FUNCTIONS

Standard



Option



ACCESSORIES

Model	Description
HFA-A01	Internal Rechargeable Battery Pack KERN HFA-A01
YSC-02	Shackle KERN YSC-02
YHA-04	Hook KERN YHA-04

SERVICES

Model	Description
963-133H	DAkkS Calibration KERN 963-133H
961-252	Adjustment at the location of installation 961-252
969-517	Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate) 969-517
970-106	Warranty extension KERN (+2 years) 970-106

SPARE PARTS

Model	Description
YKA-12	Power supply KERN YKA-12
HFA-A01	Internal Rechargeable Battery Pack KERN HFA-A01
RHFA-4001	Display overlay RHFA-4001
RHFA-3001	LCD Display RHFA-3001
RHFA-2001	Main PCB RHFA-2001
RHFA-8001	Cover RHFA-8001
RHFA-5001	Power socket RHFA-5001

Model	Description
RHFA-8002	Display protective plate RHFA-8002
RHFA-9001	Holder for batteries KERN RHFA-9001

RELATED ARTICLES DATA

Model name	Weigh- ing ca- pacity	Read- ability	Dimen- sions casing (W×D× H)	Net weight	Hangin g scale (A)	Hangin g scale (B)	Hangin g scale (C)	Hangin g scale (D)	Hangin g scale (E)	Hangin g scale (F)	Hangin g scale (G)
HFA 600K-1	600 kg	0.2 kg	90×55× 255 mm	1.8 kg	-	-	-	-	-	-	-
HFA 1T-4	1000 kg	0.5 kg	-	1.8 kg	90 mm	62 mm	100 mm	255 mm	165 mm	27 mm	27 mm
HFA 3T-3	3000 kg	1 kg	90×61× 255 mm	1.9 kg	-	-	-	-	-	-	-
HFA 5T-3	5000 kg	2 kg	-	3.95 kg	90 mm	62 mm	100 mm	255 mm	165 mm	30 mm	30 mm
HFA 10T-3	10000 kg	5 kg	-	5.5 kg	90 mm	72 mm	100 mm	275 mm	185 mm	40 mm	40 mm