

PRODUCT BROCHURE

KERN HFA 3T-3

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ENGLISH



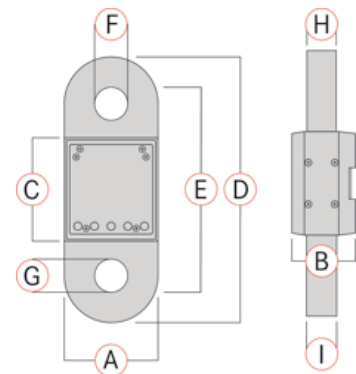
Compact crane scale with integrated display can also be used for tensile force measurement

CONTACT

KERN & SOHN GmbH
Ziegelei 1
72336 Balingen
Germany

Phone : +49 7433 9933-0
Fax : +49 7433 9933-149
Email : info@kern-sohn.com
Web : www.kern-sohn.com

PRODUCT SHOWCASE



ENGLISH

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 3T-3
Model-Serie	HFA
Assortment	KERN
Product Type	Industrial balance
Product group	Hanging balances
Product usage type	Main article

EAN code (Model)	4045761144576
Customs tariff number	84238220
CE Label	yes

Technical data - Primary

Weighing capacity	3000 kg
Readability	1 kg
Dimensions casing	90×61×255 mm

Net weight 1.9 kg

Warm up time 10 min

Weighing units kg;lb;N

Technical data - Construction

Material casing	aluminium
Internal measurement frequency	60 Hz
Material load-hook	stainless steel bushing
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	± 2 kg
Recommended adjusting weight	3000 kg (M3)
Repeatability	1 kg
Resolution	3.000

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)	385×315×125 mm
Gross weight	2.8 kg
Net weight	2 kg
Shipping method	Parcel service
UN number	3496
Packaging component - by weight - cardboard	425 g
Packaging component - by weight - plastics	425 g
Delivery time	1 d

Optional Services

DAkkS Calibration	963-132H
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FUNCTIONS

Standard	
 CAL EXT  UNIT  TOL  BATT  ACCU  MULTI  DMS  1 DAY	
Option	



ACCESSORIES

Model	Description
HFA-A01	Internal Rechargeable Battery Pack KERN HFA-A01
YHA-02	Hook KERN YHA-02
YSC-01	Shackle KERN YSC-01

SERVICES

Model	Description
963-132H	DAkkS Calibration KERN 963-132H
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
970-103	Warranty extension KERN (+2 years) 970-103

SPARE PARTS

Model	Description
YKA-12	Power supply KERN YKA-12
HFA-A01	Internal Rechargeable Battery Pack KERN HFA-A01
RHFA-4003	Display overlay RHFA-4003
RHFA-3001	LCD Display RHFA-3001
RHFA-2001	Main PCB RHFA-2001
RHFA-8001	Cover RHFA-8001
RHFA-5001	Power socket RHFA-5001
RHFA-8002	Display protective plate RHFA-8002
RHFA-9001	Holder for batteries KERN RHFA-9001

RELATED ARTICLES DATA

Model name	Weighting capacity	Readability	Net weight	Hanging scale (A)	Hanging scale (B)	Hanging scale (C)	Hanging scale (D)	Hanging scale (E)	Hanging scale (F)	Hanging scale (G)	Dimensions casing
HFA 1T-	1000 kg	0.5 kg	1.8 kg	90 mm	62 mm	100 mm	255 mm	165 mm	27 mm	27 mm	-

Model name	Weighing capacity	Readability	Net weight	Hanging scale (A)	Hanging scale (B)	Hanging scale (C)	Hanging scale (D)	Hanging scale (E)	Hanging scale (F)	Hanging scale (G)	Dimensions casing
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HFA 3T-3	3000 kg	1 kg	1.9 kg	-	-	-	-	-	-	-	90×61×255 mm
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	-