

## PRODUCT BROCHURE

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# KERN HFA 600K-1

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ENGLISH



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

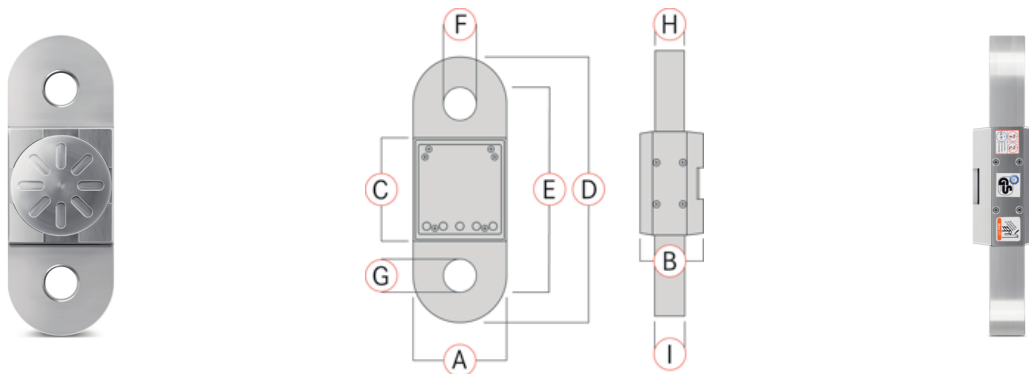
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### CONTACT

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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 600K-1         |
| Model-Serie        | HFA                |
| Assortment         | KERN               |
| Product Type       | Industrial balance |
| Product group      | Hanging balances   |
| Product usage type | Main article       |

|                       |               |
|-----------------------|---------------|
| EAN code (Model)      | 4045761150898 |
| Customs tariff number | 84238220      |
| CE Label              | yes           |

### Technical data - Primary

|                   |              |
|-------------------|--------------|
| Weighing capacity | 600 kg       |
| Readability       | 0.2 kg       |
| Dimensions casing | 90×55×255 mm |

Net weight 1.8 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                    | ± 0.6 kg                       |
| Recommended adjusting weight | 600 kg (M3)                    |
| Repeatability                | 0.2 kg                         |
| Resolution                   | 3.000                          |

## Technical data - Environmental conditions

|                               |       |
|-------------------------------|-------|
| Maximum humidity              | 80 %  |
| Maximum operating temperature | 35 °C |
| Minimum ambient temperature   | 5 °C  |
| Minimum humidity              | 0 %   |

## Technical data - Packing & Shipping

|                                             |                |
|---------------------------------------------|----------------|
| Dimensions packaging (W×D×H)                | 390×315×120 mm |
| Gross weight                                | 2.6 kg         |
| Net weight                                  | 1.8 kg         |
| Shipping method                             | Parcel service |
| UN number                                   | 3496           |
| Packaging component - by weight - cardboard | 350 g          |
| Packaging component - by weight - plastics  | 350 g          |
| Delivery time                               | 1 d            |

## Optional Services

|                   |          |
|-------------------|----------|
| DAkkS Calibration | 963-130H |
|-------------------|----------|

## FUNCTIONS

Standard



Option



## ACCESSORIES

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

## SERVICES

| Model    | Description                                                                                                      |
|----------|------------------------------------------------------------------------------------------------------------------|
| 963-130H | DAkkS Calibration KERN 963-130H                                                                                  |
| 961-250  | Adjustment at the location of installation 961-250                                                               |
| 969-517  | Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate)969-517 |
| 970-102  | Warranty extension KERN (+2 years) 970-102                                                                       |

## SPARE PARTS

| Model     | Description                                     |
|-----------|-------------------------------------------------|
| YKA-12    | Power supply KERN YKA-12                        |
| HFA-A01   | Internal Rechargeable Battery Pack KERN HFA-A01 |
| RHFA-4005 | Display overlay RHFA-4005                       |
| 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-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        | 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             | -                 |
| HFA 600K-1 | 600 kg             | 0.2 kg      | 1.8 kg     | -                 | -                 | -                 | -                 | -                 | -                 | -                 | 90×55×255 mm      |