

# KERN FA 500

Mechanical force gauge with peak-hold function; new with sturdy aluminium housing and modern design



## Article codes, product groups & Status information

|                       |                                           |
|-----------------------|-------------------------------------------|
| Model article-code    | FA 500                                    |
| Model-Serie           | FA                                        |
| Assortment            | Sauter                                    |
| Product Type          | Force measurement                         |
| Product group         | Mechanical force gauges & spring balances |
| Product usage type    | Main article                              |
| EAN code (Model)      | 4045761494039                             |
| Predecessor Model     | FA 300; FA 500-2.019a; FA 500-2.025a      |
| Planned start date    | 2026-1HJ                                  |
| Customs tariff number | 90248000                                  |
| Country of Origin     | CN                                        |

## Technical data - Primary

|             |       |
|-------------|-------|
| Max. Force  | 500 N |
| Readability | 2,5 N |

## Technical data - Construction

|                 |                    |
|-----------------|--------------------|
| Mounting thread | External thread M6 |
|-----------------|--------------------|

## Technical data - Measuring system

|                         |                     |
|-------------------------|---------------------|
| Tolerance (% from Max.) | 1%                  |
| Force direction         | Compression;tension |

## Technical data - Functions

|               |     |
|---------------|-----|
| Peak-Function | Yes |
|---------------|-----|

## Technical data - Environmental conditions

|                               |       |
|-------------------------------|-------|
| Maximum operating temperature | 40 °C |
| Minimum storage temperature   | 40 °C |

## Technical data - Packing & Shipping

|                                             |                    |
|---------------------------------------------|--------------------|
| Dimensions packaging (W×D×H)                | 300×160×62 mm      |
| Gross weight                                | 0,95 kg            |
| Net weight                                  | 0,60 kg            |
| Shipping method                             | Parcel service     |
| UN number                                   | No dangerous goods |
| Packaging component - by weight - cardboard | 152 g              |
| Packaging component - by weight - styrofoam | 165,5 g            |
| Delivery time                               | 1 d                |

## Optional Services

|                               |          |
|-------------------------------|----------|
| Factory calibration Push Pull | 961-361O |
| Factory calibration push only | 961-161O |
| Factory calibration pull only | 961-261O |

## Functions

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## Standard



## Option

