

# KERN FS 2-1KSP1

Ready-assembled set consisting of premium force gauge FS 2 and external "S" measuring cell CS 100-3P1 for tensile and compressive force measurements

**KERN®**

## Article codes, product groups & Status information

|                       |                                                   |
|-----------------------|---------------------------------------------------|
| Model article-code    | FS 2-1KSP1                                        |
| Model-Serie           | FS SP1                                            |
| Assortment            | Sauter                                            |
| Product Type          | Force measurement                                 |
| Product group         | Digital force-measuring devices (external sensor) |
| Product usage type    | Main article                                      |
| EAN code (Model)      | 4045761358461                                     |
| Planned start date    | 2023-2HJ                                          |
| Customs tariff number | 90248000                                          |
| CE Label              | Yes                                               |

## Technical data - Primary

|             |       |
|-------------|-------|
| Max. Force  | 1 kN  |
| Readability | 0.2 N |

## Technical data - Construction

|                         |                   |
|-------------------------|-------------------|
| Material housing        | Plastic           |
| Mounting thread         | Threaded hole M10 |
| IP protection load cell | IP67              |

## Technical data - Power supply

|                              |                        |
|------------------------------|------------------------|
| Power supply                 | Battery & Power supply |
| Battery type                 | Li-Ion                 |
| Operating time (Display off) | 8 h                    |
| Operating time (Display on)  | 5 h                    |

|                                |                     |
|--------------------------------|---------------------|
| Mains adapter/adaptor included | EURO                |
| Protection Class               | No protection class |

## Technical data - Measuring system

|                 |                     |
|-----------------|---------------------|
| Units           | N                   |
| Force direction | Compression;tension |

## Technical data - Functions

|                    |            |
|--------------------|------------|
| Statistic-Function | Yes        |
| Peak-Function      | Yes        |
| Interface          | USB-Device |

## Technical data - Packing & Shipping

|                                             |                                                                                                                             |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| Dimensions packaging (W×D×H)                | 320×290×180 mm                                                                                                              |
| Gross weight                                | 2 kg                                                                                                                        |
| Net weight                                  | 0.90 kg                                                                                                                     |
| Shipping method                             | Parcel service                                                                                                              |
| UN number                                   | Li-Ion, packed with device (UN 3481, Packing Instruction #7, Lithium ion batteries in compliance with Section II of PI 967) |
| Packaging component - by weight - cardboard | 270 g                                                                                                                       |
| Delivery time                               | 3 d                                                                                                                         |

## Technical data - Counting data

|        |     |
|--------|-----|
| Memory | Yes |
|--------|-----|

## Optional Services

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DAkKS calibration - push/pull 963-362

DAkKS calibration - push only 963-262

DAkKS calibration - pull only 963-162

## Functions

### Standard



### Option

