# KERN **FS 2-100KRQ1**

**KERN**

Ready-assembled set consisting of premium force gauge FS 2 and external round miniature measuring cell CR 10000-1Q1 for compressive force measurements



## Functions

| | |
|---|---|
| Auto-off interval(s) in battery mode/rechargeable battery mode | selectable |
| Peak function | ✓ |
| Statistic function | ✓ |
| Memory function | ✓ |
| Interfaces | USB-Device |

## Power Supply

| | |
|---|---|
| Input voltage power supply / power [Max] | 100 V - 240 V, 50 / 60 Hz |
| Input voltage device / power [Max] | 5 V, 1 A |
| Plug-in power supply type | USB including power supply |
| Supplied power supply | Accu & Power supply |
| Plug-in power supply / adapter for countries - included with the delivery | EURO |
| Plug-in power supply / adapter for countries - optional | UK |
| Rechargeable battery charging time | 8 h |
| Rechargeable battery operating time - backlight on | 5 h |
| Rechargeable battery operating time - backlight off | 8 h |
| Battery / accumulator type | Li-Ion |
| Battery connection | 2-pole tub connector |
| Battery capacity | 2.400 mAh |
| Battery voltage | 3,7 V |

## Category

| | |
|---|---|
| Brand | Sauter |
| Product categoriy | Force measurement |
| Product group | Force measuring device set |
| Product family | FS RQ1 |

## Measuring System

| | |
|---|---|
| Default unit | N |
| Measuring range force [Max] (N) | 100 kN |
| Readability force [d] (N) | 20 N |
| Directions of force | compression |
| Measuring head measuring frequency | 1000 Hz |
| Number of platforms / channels | 2 |

## Approval

| | |
|---|---|
| CE mark | ✓ |

## Display

| | |
|---|---|
| Display type | TFT, color |
| Display resolution | 320×480 |
| Languages of the user interface | German English French Spanish Italian |

## Construction

| | |
|---|---|
| Material display housing | Plastics |
| Material housing | plastic |
| Dimensions load cell (cylindrical) | 82×44 mm |

## Packing & Shipping

| | |
|---|---|
| Readability force [d] (N) | 3 d |
| Net weight | 1,4 kg |
| Shipping method | Parcel service |
| Net weight approx. | 1,4 kg |
| Gross weight approx. | 2,4 kg |
| Shipping weight | 2,362 kg |

## Services (optional)

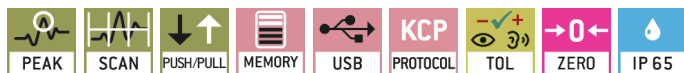| | |
|---|---|
| Article number for factory calibration (compressive force) | 961-266 |

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## Pictograms

### STANDARD

| PEAK | SCAN | PUSH/PULL | MEMORY | USB | KCP PROTOCOL | TOL | ZERO | IP 65 |
|------|------|-----------|--------|-----|--------------|-----|------|-------|

| ACCU | 230 V | 3 DAYS |
|------|-------|--------|

### OPTION

| SOFTWARE | DAkkS +4 DAYS | ISO +4 DAYS |
|----------|---------------|-------------|