

KERN FS 2-200KRY1

Ready-assembled set consisting of premium force gauge FS 2 and load cell CR 20000-1Y1 for tensile and compressive force measurements



| | |
|------------------------------------|---------------------------|
| Mounting - force application | Threaded hole M32 × 1,5 |
| Mounting - force dissipation | 8 × through hole Ø 8,5 mm |
| Dimensions load cell (cylindrical) | 125×52 mm |

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 |

Packing & Shipping

| | |
|---------------------------|----------------|
| Readability force [d] (N) | 3 d |
| Net weight | 2 kg |
| Shipping method | Parcel service |
| Net weight approx. | 2,0 kg |
| Gross weight approx. | 3,0 kg |
| Shipping weight | 2,985 kg |

Services (optional)

| | |
|------------------------------------------------------------|---------|
| Article number for factory calibration (tensile force) | 961-167 |
| Article number for factory calibration (compressive force) | 961-267 |

Category

| | |
|------------------|----------------------------|
| Brand | Sauter |
| Product category | Force measurement |
| Product group | Force measuring device set |
| Product family | FS RY1 |

Measuring System

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|------------------------------------|------------------------|
| Default unit | N |
| Measuring range force [Max] (N) | 200 kN |
| Readability force [d] (N) | 40 N |
| Directions of force | tension 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 |

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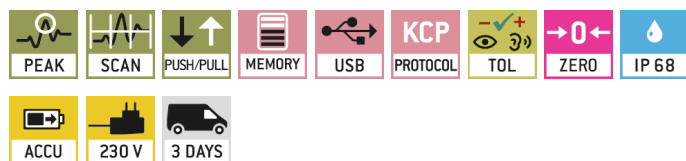


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| | |
|---------------------------------------------------------------------------|---------|
| Article number for factory calibration (tensile force/ compressive force) | 961-367 |
|---------------------------------------------------------------------------|---------|

Pictograms

STANDARD



OPTION

