

SAUTER FS 2-20KOY1

KERN

Pre-configured set consisting of the premium force gauge FS 2 and the measuring cell CO 2000-Y1



Category

| | |
|------------------|-------------------|
| Brand | Sauter |
| Product category | Force measurement |
| Product group | Force gauge set |
| Product family | FS OY1 |

Measuring System

| | |
|------------------------------------|-------------|
| Measuring range force [Max] (N) | 20 kN |
| Readability force [d] (N) | 4 N |
| Measuring head measuring frequency | 1000 Hz |
| Default unit | N |
| Number of platforms / channels | 2 |
| Directions of force | compression |

Display

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

Construction

| | |
|------------------------------------|-----------------------------------|
| Dimensions load cell (cylindrical) | 30×18 mm |
| Material housing | plastic |
| Material display housing | plastic |
| Mounting - force dissipation | 3 × threaded hole M4 |
| Mounting - force application | Thrust piece (from customer side) |

Functions

| | |
|--|------------|
| IP protection - load cell | IP65 |
| Peak function | ✓ |
| Memory function | ✓ |
| Statistic function | ✓ |
| Auto-off interval(s) in battery mode/rechargeable battery mode | selectable |

Interface

| | |
|------------|------------|
| Interfaces | USB-Device |
|------------|------------|

Power Supply

| | |
|---|----------------------------|
| Supplied power supply | Accu & Power supply |
| Plug-in power supply type | USB including power supply |
| Plug-in power supply / adapter for countries - included with the delivery | EURO |
| Plug-in power supply / adapter for countries - optional | UK |
| Input voltage power supply / power [Max] | 100 V - 240 V, 50 / 60 Hz |
| Input voltage device / power [Max] | 5 V, 1 A |
| Power socket for mains adapter | USB C |
| Battery / accumulator type | Li-Ion |
| Battery connection | 2-pole tub connector |
| Battery capacity | 2.400 mAh |
| Battery voltage | 3,7 V |
| Rechargeable battery | 3,7V, 2400mAh |
| Rechargeable battery operating time - backlight on | 5 h |
| Rechargeable battery operating time - backlight off | 8 h |
| Rechargeable battery charging time | 8 h |

Approval

| | |
|---------|---|
| CE mark | ✓ |
|---------|---|

Services (optional)

| | |
|--|---------|
| Article number for factory calibration (compressive force) | 961-264 |
|--|---------|

Packing & Shipping

| | |
|----------------------|----------------|
| Delivery time | 3 d |
| Shipping method | Parcel service |
| Net weight approx. | 0,40 kg |
| Gross weight approx. | 1,4 kg |

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Shipping weight 1,295 kg

Pictograms

STANDARD



OPTION

