

KERN FS 4-50

Premium force gauge with integrated load cell and connection possibility for up to 4 external load cells



Functions

| | |
|--|------------|
| 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 |
| 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 DAkKS calibration (tensile force) | 963-161 |
| Article number for DAkKS calibration (compressive force) | 963-261 |
| Article number for DAkKS calibration (tensile force/ compressive force) | 963-361 |
| Article number for factory calibration (tensile force) | 961-161 |

Category

| | |
|------------------|---------------------|
| Brand | Sauter |
| Product category | Force measurement |
| Product group | Digital force gauge |
| Product family | FS |

Measuring System

| | |
|------------------------------------|---------|
| Measuring range force [Max] (N) | 50 N |
| Readability force [d] (N) | 0,01 N |
| Measuring head measuring frequency | 1000 Hz |
| Overload protection (% of [Max]) | 150% |
| Default unit | N |
| Number of platforms / channels | 4 |

Display

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

Construction

| | |
|---------------------------------------|--------------------|
| Dimension housing (W×D×H) | 71×31×180 mm |
| Dimensions completely mounted (W×D×H) | 71×31×180 mm |
| Dimension display device (W×D×H) | 71×31×180 mm |
| Material housing | plastic |
| Mounting - force application | External thread M6 |

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Article number for factory calibration (compressive force) 961-261

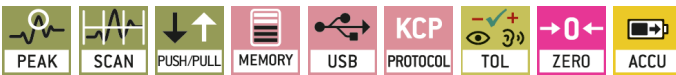
Article number for factory calibration (tensile force/ compressive force) 961-361

Packing & Shipping

Delivery time 1 d
Dimensions packaging (W×D×H) 280×185×90 mm
Shipping method Parcel service
Net weight approx. 0,45 kg
Gross weight approx. 1,4 kg
Shipping weight 1,26 kg

Pictograms

STANDARD



OPTION

