

# KERN FC 1K-BT

# KERN

Compact force measuring instrument



| Category  |                        |
|---|------------------------|
| Brand   | Sauter                 |
| Product category                                  | Force measurement      |
| Product group                                     | Concrete tester        |
| Product family                                    | FC                     |
| Measuring System                                  |                        |
| Default unit                                      | N                      |
| Tolerance (% of [Max])                            | 0,3%                   |
| Measuring range force [Max] (N)                   | 1 kN                   |
| Readability force [d] (N)                         | 1 N                    |
| Directions of force                               | tension<br>compression |
| Measuring head measuring frequency                | 1000 Hz                |
| Number of platforms / channels                    | 1                      |
| Overload protection (% of [Max])                  | 150%                   |
| Internal data memory: Number of individual values | 500                    |
| Approval  |                        |
| CE mark   | ✓                      |
| Display   |                        |
| Display type                                      | LCD                    |
| Display resolution                                | 160×128                |
| Display digit height                              | 10 mm                  |
| Screen reversible                                 | ✓                      |
| Construction                                      |                        |
| Dimension display device (W×D×H)                  | 145×73×34 mm           |
| Dimension housing (W×D×H)                         | 145×73×34 mm           |

|                                       |                    |
|---------------------------------------|--------------------|
| Dimensions completely mounted (W×D×H) | 145×73×34 mm       |
| Material display housing              | Metal              |
| Material housing                      | metal              |
| Load support (tensile force)          | Hook               |
| Mounting - force application          | External thread M6 |

| Functions  |            |
|--|------------|
| Auto-off interval(s) in battery mode/rechargeable battery mode | 1 - 60 min |
| Peak function  | ✓          |
| Limit-setting function   | ✓          |
| Memory function  | ✓          |
| Interfaces   | USB-Device |

| Power Supply  |                      |
|---|----------------------|
| Input voltage power supply / power [Max]                                  | 100 V - 240 V        |
| Input voltage device / power [Max]  | 5 V, 1 A             |
| Plug-in power supply type   | Power adapter        |
| Supplied power supply   | Accu & Power supply  |
| Plug-in power supply / adapter for countries - included with the delivery | EURO<br>CH           |
| Plug-in power supply / adapter for countries - optional                   | UK<br>US             |
| Rechargeable battery charging time  | 4 h                  |
| Rechargeable battery operating time - backlight on                        | 20 h                 |
| Rechargeable battery operating time - backlight off                       | 20 h                 |
| Battery / accumulator type  | NiMH                 |
| Battery connection  | 2-pole tub connector |

| Packing & Shipping           |                |
|------------------------------|----------------|
| Readability force [d] (N)    | 1 d            |
| Dimensions packaging (W×D×H) | 340×155×110 mm |
| Net weight                   | 1,765 kg       |
| Shipping method              | Parcel service |
| Net weight approx.           | 1,8 kg         |
| Gross weight approx.         | 2,0 kg         |
| Shipping weight              | 2 kg           |

| Services (optional)                                  |         |
|--|---------|
| Article number for DAkKS calibration (tensile force) | 963-162 |

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Article number for DAkkS calibration (compressive force) 963-262

Article number for DAkkS calibration (tensile force/ compressive force) 963-362

Article number for factory calibration 961-162

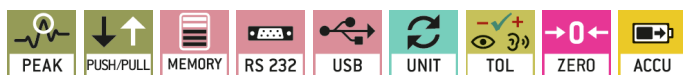
Article number for factory calibration (tensile force) 961-162

Article number for factory calibration (compressive force) 961-262

Article number for factory calibration (tensile force/ compressive force) 961-362

## Pictograms

### STANDARD



### OPTION

