



## Compact force measuring instrument

### Features

- Checking the consistency of sprayed concrete is essential to ensure the maximum strength of the concrete during the curing process
- The FC 1K-BT determines exactly the forces required for the needle to penetrate the concrete. This allows reliable conclusions to be made regarding the compressive strength of the concrete during the dry phase
- Peak hold function to capture the peak value or track function for continuous display of measurement
- Metal housing for continuous use in tough environmental conditions
- Capacity display: A bar lights up to show how much of the measuring range is still available
- Limit value function, programming of Max./Min., with output of acoustic and optical signal
- Safety: If loads exceed 110 % of the measuring range, the device will give clear acoustic and visual signals
- Internal memory for up to 500 values
- **2** Delivered in a robust carrying case
- Turnable display with backlight
- Selectable: AUTO-OFF function or continuous operation, charge indicator

### Technical data

- Transmission rate to PC: up to 200 measured values/second
- Accuracy: 0,3 % of Max
- Overload protection up to 150 % of Max
- Overall dimensions W×D×H 145×73×34 mm
- Net weight approx. 1670 g
- Selectable measuring units: N, kgf, ozf, lbf
- Robust, cleanable and portable construction
  - Built-in 1000 N force measuring cell
  - Rapid and simple changing of the penetration needle
  - Inverted display for better readability
  - Live peak force value for immediate monitoring
  - Measurement precision  $\pm 0,1\%$
  - Memory for up to 500 measurements
  - USB interface
- **1** Penetration needle and adapter
  - Removable if necessary
  - Needle diameter: 3 mm
  - Upper angle: 60 degrees
  - Length: 15 mm
  - Included: 15 needles

### Accessories

- Needle for concrete tester, SAUTER BT-A01, € 25,-
- Further accessory see [www.sauter.eu](http://www.sauter.eu) and page 35 et seqq.

#### STANDARD



#### OPTION



Model	Measuring range	Readout	Price excl. of VAT ex works €	Option <b>DAkKS calibration certificate</b>			
				Tensile force		Compressive force	
				DAkKS KERN	€	DAkKS KERN	€
SAUTER FC 1K-BT	[Max] N 1000	[d] N 1	<b>890,-</b>	963-162	182,-	963-262	182,-

Price reduction