



WELL TESTING TOOLS

- SLICK-LINE UNITS
- MOBILE TESTING UNITS
- SOFTWARE
- INSPECTION AND CALIBRATION TOOLS FOR EQUIPMENT TESTING
- DOWNHOLE GAUGE SYSTEMS

DOWNHOLE MEMORY PRESSURE AND TEMPERATURE GAUGE

SAMT-03



WELL TESTING TOOLS

Downhole memory pressure and temperature gauge SAMT-03



Functions

- Pressure/temperature record at any given point in the wellbore.
- Transient well test data recording.
- Fully programmable test schedule allows to start and stop measurements for certain pressure/temperature/time which allows to save memory space and battery capacity.
- Record initiation by pre-set values of time, pressure and temperature.

Features

- Tool connection to PC does not require dismantle, wires connect directly to the body of the gauge;
- Large memory capacity enables up to 11 million data points, up to 1000 independent records;
- Time Interval programming mode make possible battery power saving while measurement;
- Time discontinuity from 1/50 sec up to one day;
- Software package for gauge programming, data transfer and storage, battery analysis etc. available in standard delivery set.

Specifications

Available in ranges of	25, 40, 60, 100 MPa
Max reduced error (in ranges of temperature)	± 0,15 % (-20 °C...+150 °C)
Pressure resolution	0,0001 MPa
Temperature range	from -40 to +150 °C
Max absolute error while temperature measuring by internal sensor	± 0,2 °C (-20 °C...+150 °C)
Temperature resolution	0,001 °C
Min time step	1 sec in standard mode
Memory capacity	11 000 000
Continuous operation time, min	1 year with 16 sec step
Data transfer interface	USB
Dimensions	
Diameter	25 mm
Length	600 mm
Weight	2,3 kg
Calibration period	3 years
Explosion proof protection / Ingress Protection Rating	1 Ex ia IIB T3 Gb X / IP68



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