

ProbeSensonix

SubLogix™ 175C Series

PT Memory Gauge



TOOL DESCRIPTION

This memory gauge is a compact, battery-powered downhole instrument designed to measure and record pressure and temperature data over time. It is built with reliable electronics and robust housing to withstand harsh wellbore environments. The tool stores data internally, enabling post-job retrieval and analysis.

APPLICATION

The gauge is suitable for various downhole monitoring operations, including well testing, pressure build-up and drawdown analysis, and long-term reservoir monitoring. It can be deployed in both flowing and shut-in well conditions.

FEATURES AND BENEFITS

- High-resolution pressure and temperature recording
 - Battery-operated for standalone operation
- Durable construction for medium pressure/temperature (MPMT) environments
- Easy data download/interpretation and tool program via ProbeSensonix Link™ User Interface Software
 - Flexible deployment in different well configurations
- Advanced self-diagnostics with 10+ health and status indicators

SPECIFICATIONS

Physical Parameters

<i>Outer Diameter</i>	40mm
<i>Length</i>	757mm
<i>Weight</i>	4.6kg

Sensor Parameters

<i>Temperature</i>		<i>Pressure</i>	
<i>Maximum Temperature</i>	175°C	<i>Maximum Pressure</i>	100Bar/1450PSI (Optional 200Bar/2900PSI- 300Bar/4350PSI-400Bar/4350PSI- 600Bar/8700PSI-1000Bar/14500PSI)
<i>Accuracy</i>	±0.25°C	<i>Accuracy</i>	±0.25%FS
<i>Resolution</i>	0.01°C	<i>Resolution</i>	0.001%FS
<i>Drift</i>	<0.1°C/year	<i>Drift</i>	<0.25%FS/year

Electrical Parameters

<i>Battery Type(Capacity)</i>	AA/1600mAh (Optional 2xAA/3200mAh)
<i>Communication</i>	USB
<i>Data Set</i>	Time, Internal Temperature, Temperature, Pressure
<i>Sampling Rate</i>	1s-10s-30s-1min-5min
<i>Memory Capacity</i>	512k Sample (Optional 1M Sample)
<i>Maximum Operation Duration</i>	Up to 90Days/2160Hours

User Interface Software

