

PPS52 1/2" Outside Diameter Memory Gauge

The **PPS52 1/2" Outside Diameter Memory Gauge** is designed for applications with outside diameter challenges. The half inch outside diameter of this memory gauge allows users to run this tool in tight space conditions. The most common usage is for pressure and temperature measurement with small inner diameter coiled tubing.



Sensor Type

Silicon Sapphire

Pressure

Range—psi	Up to 10 kpsi
Accuracy—psi full scale	± 0.03%
Resolution—psi	0.0003%
Drift—psi/year	<3

Temperature

Rating—°C	150 (302 °F)
Accuracy—°C	± 0.5
Resolution—°C	0.01

Characteristics

Service	H ₂ S Services
Power Source	Lithium Battery Pack
Communication	USB / RS232
Data Set	Time / Pressure / Temperature
Max OD—inches	0.50 (12 mm)
Overall Length—inches	8.75 (222 mm)
Housing Material	Inconel 718 Stainless Steel 17-4
Sampling Rate	1 sec. to 18 hours per sample
Memory Capacity	1,000,000 data sets

Applications:

- Coiled Tubing Operations
- Drill Stem Tests
- Gradient Survey
- Pressure Build Up
- Workover Monitoring
- Stimulation Monitoring

