

PPS55 Fast Sampling Gauge

The **PPS55 Fast Sampling Gauge** offers a great opportunity to catch sharp pressure changes, such as the pressure breaking point for reservoir Fracture or perforation operations. The gauge can record up to 500 data points per second. The large memory capacity of four million data points, allows operators to have sufficient downhole running time during job operations.



Sensor Type

Silicon Sapphire

Pressure

Range—psi	Up to 15 kpsi
Accuracy—psi full scale	± 0.1%
Resolution—psi	0.01
Drift—psi/year	<3

Temperature

Rating—°C	150 (302 °F) 177 (351 °F)
Accuracy—°C	± 0.5
Resolution—°C	0.05

Characteristics

Service	H ₂ S Services
Power Source	Lithium Battery Pack
Communication	USB / RS232
Data Set	Time / Pressure / Temperature
Max OD—inches	0.75 (19 mm) 1.25 (31 mm)
Overall Length—inches	9 (228 mm) 12 (304 mm)
Housing Material	Inconel 718 Stainless Steel 17-4
Sampling Rate	Up to 500 data sets per second
Memory Capacity	4,000,000 data sets

Applications:

- Stimulation Monitoring
- Injection Pressure Monitoring
- Perforation Monitoring
- Workover Monitoring

