



PPS53 Side Pocket Mandrel Gauge

The PPS53 Side Pocket Mandrel Gauge utilizes our robust electronic design with silicon-sapphire technology to measure pressure and temperature by working as a gas lift valve. The gauge housings are designed according to conventional 1" and 1.5" gauge lift valves, therefore, they can be set and retrieved by using standard side pocket mandrel tools.

These gauges still use the very simple, but powerful PPS SmartView software that all our other gauges use.

APPLICATIONS:

- Stimulation Monitoring
- Long Term Flowing Monitoring
- Post Stimulation Evaluation
- Interference Tests
- Frac Monitoring
- Water Injection Monitoring

SPECIFICATIONS

Sensor Type	Silicon-Sapphire
Pressure Ranges	Up to - 15,000 PSI
Pressure Accuracy	±0.03% (full scale)
Pressure Resolution	0.0003%
Pressure Drift	<3 psi / year
Temperature Rating	125°C(257°F) / 150°C(302°F) / 177°C(351°F)
Temperature Accuracy	±0.5°C
Temperature Resolution	0.01°C
Power Source	One AA lithium battery pack
Communications	USB/RS232
Data Set Contents	Time / pressure / temperature
Memory Capacity	1M data sets, larger memory optional
Outside Diameter	1.0"(24.5mm), 1.5"(38.1mm)
Overall Length	12.31" (312.7mm), 19.50" (495.3mm)
Service	H ₂ S
Housing Material	Inconel 718 / Stainless Steel 17-4
Sample Rate	1 second to 18 hours per sample



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"Simple Software and Smart Gauges"