

PPS25XM Extreme Memory Gauge

The **PPS25XM Extreme Memory Gauge** features an advanced piezo pressure transducer, high temperature electronics technology and a welded housing in order to maximize the gauge's performance in high pressure and high temperature well conditions. Whether the gauge is used in high concentration CO₂ or H₂S the reinforced metal to metal seals prevent leaks, creating long term stability and reliability even in corrosive environments.



Sensor Type

Piezo

Applications:

Pressure

Range-psi	10K 15K 20K 25K 30K
Accuracy-psi	± 0.03% FS
Resolution-psi	0.0003% FS
Drift-psi/year	<3

- Pressure Build-up Tests
- Pressure Gradients
- Pre/During/Post Stimulation Evaluation
- Interference Tests
- Fracturing Monitoring
- Drill Stem Tests

Temperature

Rating-°C	150 (302 °F) 177 (350 °F)
Accuracy-°C	± 0.5
Resolution-°C	0.01

Characteristics

Service	Sour Services
Power Source	Lithium Battery Pack
Communication	USB / RS232
Data Set	Time / Pressure / Temperature
Max OD-inches	0.75 (19 mm) 1.27 (32 mm) 1.375 (35 mm)
Overall Length-inches	17.8 (452 mm) 20 (508 mm)
Housing Material	Inconel 718 MP35N
Sampling Rate	1 sec to 18 hours per sample
Memory Capacity	2,000,000 data sets (4 million data sets optional)

