

PPS25XM Critical Memory Gauge

The **PPS25XM Critical Memory Gauge** features an advanced Piezo pressure transducer, high temperature electronics technology and welded housing in order to maximize the gauge's performance in hostile well conditions from high concentration CO₂ or H₂S, to high pressure and high temperature. Additionally there are reinforced metal to metal seals securing the parts which prevents leaks, creating long term stability and reliability even in corrosive environments.



Sensor Type

Piezo

Pressure

Range—psi	10K 15K 20K 25K 30K
Accuracy—psi full scale	± 0.03%
Resolution—psi	0.0003%
Drift—psi/year	<3

Temperature

Rating—°C	177 (350 °F) 200 (392 °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	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)

Applications:

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

