

## 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 CO<sub>2</sub> or H<sub>2</sub>S, 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	150 (302 °F)   177 (350 °F)
Accuracy—°C	± 0.5
Resolution—°C	0.01

### Characteristics

Service	H <sub>2</sub> S / CO <sub>2</sub> 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

PPS25XM Specifications (Rev. 03, 2016-10-12)

