

## PPS28 Quartz Memory Gauge

The **PPS28 Quartz Memory Gauge** has an integrated quartz pressure transducer and high temperature electronics making it highly accurate and stable, perfect for critical well testing. It is designed for applications where high quality data is required from a high temperature environment. The SmartView software which accompanies the gauge has a very user friendly interface, so operators with minimal experience with memory gauges can feel confident programming the gauges and retrieving data.



### Sensor Type

Quartz

### Pressure

Range—psi	10K   16K   20K   25K
Accuracy—psi full scale	± 0.02%
Resolution—psi	<0.01
Drift—psi/year	<0.02% FS

### Temperature

Rating—°C	150 (302 °F)   177 (350 °F)
Accuracy—°C	± 0.2
Resolution—°C	<0.005

### Characteristics

Service	H <sub>2</sub> S 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	24.8 (629 mm)   25.2 (640 mm)
Housing Material	Inconel 718   Stainless Steel 17-4   MP35N
Sampling Rate	1s – 18hrs/per sample (0.1s – 1.8hrs/per sample optional)
Memory Capacity	2,000,000 data sets (4 million datasets optional)

### Applications:

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

PPS28 Specifications (Rev. 03, 2013-05-10)

