

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 user friendly interface, so operators can feel confident programming the gauges and retrieving data.



Sensor Type

Quartz

Applications:

Pressure

| | |
|----------------|-----------------------|
| Range-psi | 10K 16K 20K 25K |
| Accuracy-psi | ± 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 | 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 | 24.8 (629 mm) 25.2 (640 mm) |
| Housing Material | Inconel 718 MP35N |
| Sampling Rate | 1s – 18hrs/per sample (0.1s – 1.8hrs/per sample optional) |
| Memory Capacity | 2,000,000 data sets (4 6 8 million datasets optional) |

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

