

PPS28 Quartz Electronic Memory Gauge

The PPS28 Quartz Memory Gauges are developed for critical well testing. They are also designed to be run by Wireline and/or Service personnel with limited computer knowledge or experience in running memory gauges. The gauge doesn't need to be reprogrammed after every run as long as you are using the same sample rate. The software also allows you to download and generate a report or ASCII file for emailing with ease.

APPLICATIONS:

- Pressure Gradients
- Pressure Build-up Tests
- Drill Stem Tests
- Production Tests
- Post Stimulation Evaluation
- Interference Tests
- Fracture Monitoring
- Injection Pressure Monitoring
- Perforation Monitoring



Specifications

Sensor Type	Quartz
Service	H ₂ S Services

Metrology-Pressure

Drift-psi/yr	<0.02% FS
Accuracy-psi full scale	± 0.02% (full scale), ± 0.015% (full scale) Typically
Resolution-psi	0.00006%
Range-psi	Up to 25 kpsi

Metrology-Temperature

Rating-°C	150 (302°F), 177 (351°F)
Accuracy-°C	± 0.2
Resolution-°C	0.01

Characteristics

Power Source	2-4 AA or 1-2 CC lithium packs
Communication	USB/RS232
Data Set	Time/Pressure/Temperature
Max OD-inches	0.75 (19.1mm)/1.25 (31.8mm)/1.27 (32.3mm)
Overall Length-inches	21 (533.4mm) – 23 (584mm)
Housing Material	Inconel 718/Stainless Steel 17-4/MP35N
Sampling Rate	0.1 sec to 18 hours per sample
Memory Capacity	2,000,000 data sets
Work Mode	MRO (SRO Optional)

