

PPS28-200°C Quartz Electronic Memory Gauge

The PPS28-200°C Quartz Memory Gauge was developed for critical well testing in hostile well conditions. The latest innovations in hybrid technology are used in order to greatly extend gauge life at high temperature. The gauge uses a six pin locking connector to provide dual power channels and prevent battery disconnection. The user-friendly PPS SmartView software is used for programming, downloading and processing data.

APPLICATIONS:

- Pressure Build-up Tests
- Drill Stem Tests
- Production Tests
- Post Stimulation Evaluation
- Interference Tests
- Fracture 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	200 (392°F)
Accuracy-°C	± 0.2
Resolution-°C	0.01
Characteristics	
Power Source	1 or 2 CC lithium packs
Communication	USB/RS232
Data Set	Time/Pressure/Temperature
Max OD-inches	1.27 (32.3mm)
Overall Length-inches	23 (584mm)
Housing Material	Inconel 718/MP35N
Sampling Rate	0.1 sec to 18 hours per sample
Memory Capacity	2,000,000 data sets
Seal Type	Metal to Metal and Elastomer
Work Mode	MRO

