



PPS25-XM Critical Memory Gauge

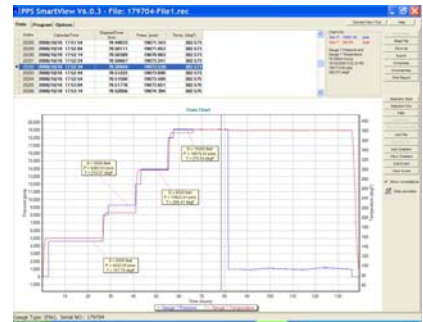
The PPS25-XM is designed for critical well conditions by welding the sapphire sensor with the housing, so there is no potential leaking pass between sensor and the housing. Both metal to metal and elastomer seals are used to secure the sealing between battery housing and electronic section. Six pin with locking mechanism connector is used to provide dual power channels and prevent battery disconnection during operations.

APPLICATIONS:

- Pressure Build-up Tests
- Pressure Gradients
- Post Stimulation Evaluation
- Interference Tests
- Frac Monitoring

SPECIFICATIONS

Sensor Type	Silicon-Sapphire
Pressure Ranges	Up to - 25,000 PSI
Pressure Accuracy	±0.03% (full scale)
Pressure Resolution	0.0003%
Pressure Drift	<3 psi / year
Temperature Rating	150°C(302°F) / 177°C(351°F)
Temperature Accuracy	±0.5°C
Temperature Resolution	0.01°C
Power Source	One CC lithium pack
Communications	USB/RS232
Data Set Contents	Time / pressure / temperature
Memory Capacity	1M data sets, larger memory optional
Outside Diameter	1.27"(32.3mm), 1.5"(38.1mm)
Overall Length	11.7"(297mm)
Service	H ₂ S
Housing Material	Inconel 718
Sample Rate	1 second to 18 hours per sample



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