

PPS61 Temperature Gauge

The PPS61 gauge is for applications that require a fast response to temperature changes. It allows analysts to quickly diagnose downhole problems such as tubing or casing leakage. It can also be used for monitoring stimulation operations to see which zones are more effective. Using the same highly integrated design principles, the tool can be operated in areas with limited space. The user-friendly SmartView software is used for programming, downloading and processing data.

APPLICATIONS:

- Stimulation Monitoring
- Casing Leak Detection
- Pipeline Leak Detection
- Injection Monitoring
- Perforation Monitoring
- Temperature Logging

Specifications

Sensor Type	RTD
Service	H ₂ S Services

Metrology-Pressure	
Range-psi	Up to 20 kpsi

Metrology-Temperature	
Rating-°C	150 (302°F), 177 (351°F)
Accuracy-°C	± 0.1
Resolution-°C	0.01

Characteristics	
Power Source	One AA or C lithium pack
Communication	USB/RS232
Data Set	Time/Temperature
Max OD-inches	0.75 (19.1mm), 0.875 (22.2mm) 1 (25.4mm), 1.25 (31.8mm)
Overall Length-inches	10 (254mm)
Housing Material	Inconel 718/Stainless Steel 17-4
Sampling Rate	1 sec to 18 hours per sample
Memory Capacity	1,000,000 data sets, Larger memory is available

