

PPS61 RTD Temperature Gauge

The **PPS61 RTD Temperature** 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.



Sensor Type RTD

Pressure

Range—psi Up to 20 kpsi

Temperature

Rating—°C 150 (302°F) | 177 (351°F)
 Accuracy—°C ± 0.1
 Resolution—°C 0.01

Characteristics

Service	Sour Services
Power Source	Lithium Battery Pack
Communication	USB/RS232
Data Set	Time/Temperature
Max OD—inches	0.75 (19 mm) 1.25 (31 mm)
Overall Length—inches	10 (254 mm)
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

Applications:

- Temperature Logging
- Stimulation Monitoring
- Casing Leak Detection
- Tubing Leak Detection
- Injection Monitoring

