

PPS31 Wellhead Pressure Logger

The **PPS31 Wellhead Pressure Logger** is a programmable gauge that samples pressure and temperature providing real time monitoring. The logger has a highly viewable LCD display where data can be read and also has built in memory. The intrinsically safe design means this logger can be used in critical environments.



Sensor Type

Silicon-Sapphire

Pressure

Range—psi	Up to 15 kpsi
Accuracy—psi full scale	± 0.03%
Resolution—psi	0.0003%
Drift—psi/year	<3

Temperature

Rating—°C	-20 (-4 °F) to 70 (158 °F) <i>By Special Order -40 (-40 °F) to 80 (176 °F)</i>
Accuracy—°C	± 0.5
Resolution—°C	0.01
Operating Temperature—°C	-40 (-40 °F)~55 (131 °F)

Characteristics

Service	H ₂ S/CO ₂ Services (available upon request)
Power Source	Lithium Battery Pack
Data Set	Time / Pressure / Temperature
Data Receiving Mode	Wireless (915 MHz, ISM)
Wireless Transmission Distance	328' (100 m)
Transmission Power	+10 dbm
Overall Length—inches	10 (254 mm)
Work Mode	MRO / SRO
Sample Rate	1 sec to 18 hours per sample
Memory Capacity	2,000,000 data sets
Connection	1/2" NPT/Autoclave
Safety Rating	Class I, Division 1, Exia IIC T4, CE Marking

Applications:

- Gas Wellhead Build-up Tests
- Stimulation Monitoring
- Pipeline Monitoring
- Fracture Monitoring
- Wellhead Monitoring
- Injection Pressure Monitoring
- Perforation Monitoring
- Workover Monitoring



PPS31 Specifications (Rev. 01, 2011-01-20)