

## 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) By Special Order -40 (-40 °F) to 80 (176 °F)
Accuracy—°C	± 0.5
Resolution—°C	0.01
Operating Temperature—°C	-40 (-40 °F) ~55 (131 °F)

### Characteristics

Service	H <sub>2</sub> S/CO <sub>2</sub> 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)

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