

## PPS31M Multi-Channel Wellhead Logger

The PPS31M Wellhead Logger is equipped with two pressure channels and one RTD probe, so users can monitor both casing and tubing pressures. The RTD probe can offer more accurate flowline temperature. The Bluetooth wireless package allows users to program sampling rate, configure logger, download data or receive real time data at a distance up to 100 meters (330 feet). The two D size batteries are installed in the back enclosure for easy replacement. The user-friendly PPS SmartView software is used for data processing.



### Applications

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

### Specifications

<b>Sensor Type</b>	<b>Silicon-Sapphire/RTD</b>
<b>Service</b>	Sour Service (available upon request)

#### Metrology-Pressure

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

#### Metrology-Temperature

Rating-°C	-40 (-40°F) to 80 (176°F)
Accuracy-°C	± 0.3
Resolution-°C	0.01

#### Characteristics

Power Source	2 D lithium cells, up to six months
Display Mode	LCD
Data Set	Time/Pressure/Temperature
Memory Capacity	1,000,000 data sets on flash memory, SD card
Data Transmission Mode	Bluetooth/USB
Wireless Transmission Distance	328' (100m)
Transmission Power	+ 10 dbm
Outside Diameter of Indicator Dial	4.625" (117.48 mm)
Overall Length	10" (254 mm)
Work Mode	MRO / SRO
Sample Rate	1 sec to 18 hours per sample
Connection	1/2" NPT/Autoclave
Safety Rating	C.S.A. / Class I, Division 1, CE Marking

