

PPS31M Multi-Channel Wellhead Logger

The **PPS31M Multi-Channel Wellhead Logger** is integrated with a total of four pressure channels; either Silicon-Sapphire or Quartz transducers are available. Optionally the logger can be configured with three pressure transducers and one RTD temperature probe. It is a good choice for applications where high data quality is required.

Applications:

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



Sensor Type	Piezo/RTD	Quartz/RTD	Characteristics	
Pressure				
Range-psi	Up to 20 kpsi	Up to 20 kpsi	Service	Sour Services
Pressure Channels	Up to 4	Up to 4	Power Source	Standard Lithium Battery Pack (Two x 17 Ah) Optional Rechargeable Battery Pack (Two x 5.6 Ah)
Accuracy-psi	± 0.03% FS	± 0.02% FS	Data Set	Time / Pressure / Temperature / RTD
Resolution-psi	<0.1 psi	<0.01 psi	Work Mode	MRO
Temperature Accuracy	± 0.5	± 0.2	Sample Rate	1s-18hr/sample
Temperature Resolution	<0.01	<0.005	Memory Capacity	16,000,000 data sets
Temperature			SD Card Capacity	20 million data sets
Sensor Type	RTD (Pt1000)	RTD (Pt1000)	Connection	½" NPT / Autoclave/Custom Specified
Rating-°C	-30 (-58 °F) to 85 (185 °F)	-30 (-58 °F) to 85 (185 °F)	Safety Rating	Class I Division 1 Group A, B, C and D, T4 Ex ia IIC T4 (-40 °C-55 °C)
Accuracy-°C	± 0.5	± 0.5	* LCD Display environmental temperature is -20 °C-70 °C	
Resolution-°C	0.005	0.005		

