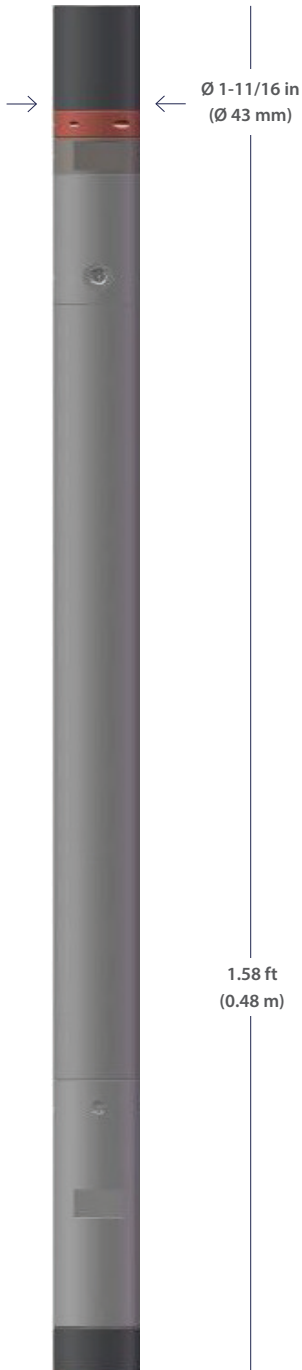




# QUARTZ PRESSURE TOOL (QPS)

The GOWell Quartz Pressure tool (QPS) measures pressure and gauge temperature using a leading industry precision quartz crystal pressure transducer. The high accuracy pressure measurements are fully compensated for temperature with a thermally coupled quartz temperature crystal. The fast response is ideal for precision draw-down and build-up reservoir pressure testing.



QPS

## FEATURES

- Built-in temperature tool corrects for changes in the pressure reading due to temperature
- Fast response to small changes in fluid temperature
- Fully combinable with Pegasus production logging tools
- Surface read out or memory logging operations
- Sour Service / NACE MR075 compliant

## APPLICATIONS

- Provides fast and accurate pressure measurements.
- Pressure gradient measurement
- Draw-down and build-up pressure transient analysis

## SPECIFICATIONS

		QPS43J-A
		P/N 300001494
<b>GENERAL SPECS</b>		
Temperature Rating		350°F (177°C)
Pressure Rating		14,500 PSI (100 MPa)
Tool Diameter		1-11/16 in (43 mm)
Tool Length		19.01 in (482 mm)
Tool Weight		12.1 lbs (5.5 Kg)
Supply Voltage		18V to 36V
Current Consumption		20 mA
Telemetry		Pegasus Star
Material		Inconel 718
<b>PRESSURE</b>		
Max total/Combined Error		0.02% FS
Resolution		100Pa or 0.015psi
Response Time		<1 sec for 99.5%
Aging		<3 psi/year
Accuracy		0.05% of FS (50kPa / 7 psi)
<b>TEMPERATURE</b>		
Accuracy		0.15°C Typical
Resolution		< 0.005°C
Aging		< 0.16°C/year
Reference Clock(Aging)		<2 ppm/year