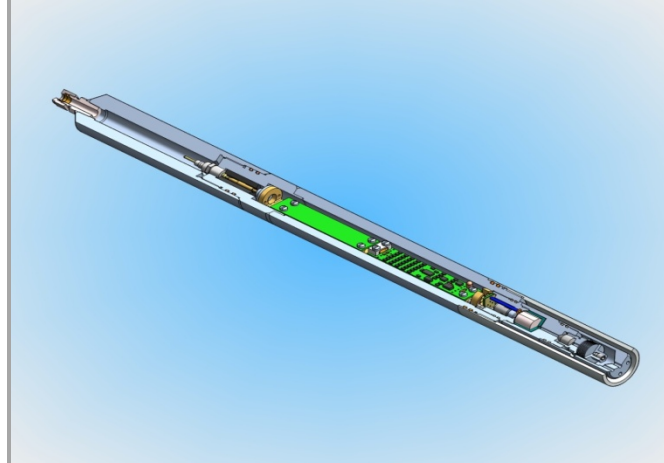


QUARTZ TIEG GAUGE

The Quartz TIEG downhole gauge system offer flexibility while prioritizing overall well economics. Permanent monitoring of artificial lift applications, reservoir pressure monitoring, free-flowing wells, multi-zone applications and onshore and offshore platform wells are all typical candidates where temperatures and pressures are in the moderate to elevated range. The gauge can record any type of production test, including buildups, drawdowns, and variable rates. Some of the features are; rapid response to temperature, Quartz transducer accuracy and proven ruggedness.



TIEG Specifications

Transducer Type:	Quartz
Pressure Ranges:	10,000 psi (69 MPa) 16,000 psi (110 MPa)
Temperature Ranges:	302 °F (150 °C) 329 °F (165 °C) 350 °F (177 °C)
Pressure Drift:	Less than 3 psi per year
Pressure Accuracy:	3.2 psi
Pressure Resolution:	0.01 psi
Temperature Accuracy:	± 0.36 °F / ± 0.2 °C
Temperature Resolution:	± 0.002 °F / ± 0.001 °C
Fastest Sampling Rate:	1 second
Communication Protocol:	Analog
Tool Diameter:	1.00" (2.54 cm)
Tool Length:	28.78" (73.1 cm)
Housing Material:	718 Inconel