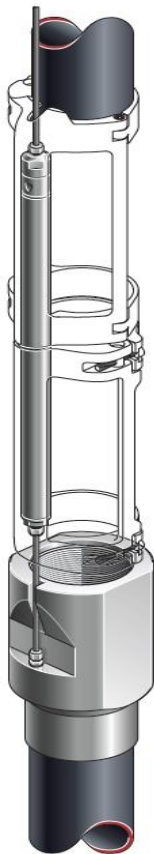


DATASHEET

Product Description



Permanent Gauge with clamp-on gauge carrier and ported collar

The Oxford Permanent Gauge brings Simplicity, Reliability and Sophistication together into one design that features the very latest in advanced downhole monitoring technology, providing operators with access to valuable downhole data to enhance field production through controlled water injection management and artificial lift optimization.

- Temperature rating from 212°F to 329°F
- Compatible with all sizes and types of tubing strings
- Pressure rating of 100bar to 700bar
- Fully welded design with pressure testable gauge head

The Oxford Permanent Gauge is available with single or dual pressure measurement. The single pressure gauge offers the choice of measuring Pressure / Temperature in the Annulus **or** Tubing (**P1, T1**). The dual pressure gauge provides Pressure / Temperature measurement in the Annulus **and** Tubing. (**P1, T1, P2, T2**). All Permanent Gauges provide tri-axis vibration (**Vx, Vy, Vz**) and peak vibration (**Vpk**).

The Oxford Permanent Gauge is designed to perform reliably in a wide range of downhole environments. The gauge cable-head assembly enables the gauge connection to be pressure tested prior to deployment in the well.

The gauge is typically held in a carrier which is clamped on to the outside of the production tubing where it measures the annulus and/or tubing pressure and temperature. An instrument cable is connected to the top of the gauge and is normally banded to the tubing and protected across the raised faces of the tubing joints and collars by a cross-coupling cable protector.

Specification

Parameter	Rating			Accuracy	Resolution	
	1,450psi	to	10,000psi		0.05psi	0.1psi
Pressure	1,450psi	to	10,000psi	+/-0.1% FS	0.05psi	0.1psi
Temperature	100°C	to	165°C	+/-1% FS	0.1°C	
Vibration	16g			+/-1% FS	0.01g	
Diameter	1.00" (25.4mm)					
Material	Body: 17-4 PH			Connector: SS316		
Supply	V: 24 VDC +/-10%			I: 5 to 8mA		
Data Signal	Continuous					
	Single Pressure			Dual Pressure		
Length	18.11" (460mm)			21.65" (550mm)		
Weight	1.87lbs (0.85Kg)			2.20lbs (1Kg)		

* Specifications are subject to change.

* Alternative specifications are available upon request.