QUARTZ
PRESSURE & TEMPERATURE

Quartz Pressure & Temperature module

The QPT utilises an industry standard Quartzdyne® Pressure Transducer to provide well bore pressure and gauge temperature. This precision quartz pressure transducer provides a continuous measurement of well pressure during dynamic passes or during pressure build ups or draw downs. Offering exceptional repeatability and long term stability the gauge is isolated from well fluids by a proven bellows design



Purpose

Provides a continuous measurement of well pressure during dynamic passes or during pressure build ups or draw downs.

Applications & Features

- Industry standard precision measurement
- Build Up / Draw down / Transient test analysis / Gradient surveys
- Interference Testing
- Pressure derived density

SPECIFICATIONS	
Temperature Rating*	177°C / 350°F
Pressure Rating	1,040bar / 15,000psi
Diameter	43mm / 1-11/16”
Weight	4.3kg / 9.5lbs
Length	540mm / 21.25”
Maximum Error	0.02% Full Scale
Resolution	0.008psi
Response Time (for 99.5% FS)	< 1s
Drift/year (at max. Press. & Temp.)	<3psi
Temp. Accuracy	0.15°C / 0.27°F
Temperature Resolution	<0.005°C / <0.009°F
Drift at 177°C	<0.1°C/year
Materials	Corrosion Resistant througout