

QUARTZ PRESSURE TOOL - HD - 1 11/16 IN.



SKU: QPT001

Categories: [Cased Hole Wireline](#), [HD Platform™](#), [Pressure](#), [Production Logging](#)

PRODUCT DESCRIPTION

The Quartz Pressure Tool (QPT001) utilizes a precision digital quartz pressure transducer to provide wellbore pressure and gauge temperature. This transducer provides a continuous measurement of well pressure during dynamic passes, or dynamic pressure build-ups or draw-downs.

Ratings & Dimensions

Max temperature	350°F (177°C)
Max pressure	15,000 psi (103.4 mPa)
Outer diameter	1.69 in (43.0 mm)
Length	21.25 in (540.0 mm)
Weight	9.5 lb (4.3 kg)
Measure points	4.2 in (106.0 mm)
Materials	Corrosion resistant materials used throughout

Pressure Measurements

Maximum error	0.02% Full Scale
Response time	< 1 second
Range	0 - 15,000 psi
Resolution	0.008 psi (55.16 mPa)
Drift	< 3 psi (< 20.68 kPa) per year

Temperature Measurements

Accuracy	0.27°F (0.15°C)
Resolution	0.009°F (< 0.005°C)
Drift	< 0.1 °C /year at 177°C

Reference clock drift

<1 ppm /year at 177°C

Hardware Characteristics

Combinability

All HD tools (RADii, iQ, PL, RAS, etc)

Acquisition Mode

Real-time (with TCU)

Memory (with MLT)

Electrical Specifications

Voltage

50V DC

19V DC

Current

4.5 mA

11 mA

Version Control: 2021.12.09

On-line specifications are for REFERENCE ONLY and subject to change without notice. DO NOT USE FOR FIELD OPERATIONS.