

## 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

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

### Pressure Measurements

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

### Temperature Measurements

<b>Accuracy</b>	0.27°F (0.15°C)
<b>Resolution</b>	0.009°F (< 0.005°C)
<b>Drift</b>	< 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

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