

# Quartz Pressure Tool - 1<sup>11</sup>/<sub>16</sub> in.



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
<b>Reference clock drift</b>	<1 ppm /year at 177°C

## Hardware Characteristics

<b>Combinability</b>	All HD tools (RADii, iQ, PL, RAS, etc)	
<b>Acquisition Mode</b>	Real-time (with TCU)	Memory (with MLT)

## Electrical Specifications

<b>Voltage</b>	50V DC	19V DC
<b>Current</b>	4.5 mA	11 mA