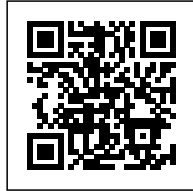


QUARTZ PRESSURE TOOL - HD - 1 3/8 IN.



SKU: QPT101

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

PRODUCT DESCRIPTION

The Quartz Pressure Tool (QPT101) 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 | 10,000 psi (68.9 mPa) |
| Outer diameter | 1.38 in (35.0 mm) |
| Length | 23.25 in (587.0 mm) |
| Weight | 6.8 lb (3.1 kg) |
| Measure points | 3.9 in (98.0 mm) |
| Materials | Corrosion resistant materials used throughout |

Pressure Measurements

| | |
|----------------------|--------------------------------|
| Maximum error | 0.02% Full Scale |
| Response time | < 1 second |
| 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.