



WELL INTEGRITY DIAGNOSTIC SPECIALISTS

PRODUCTION LOGGING TOOLS

TOOLSTRING SPECIFICATION

Temperature Rating	350°F [177°C]
Pressure Rating	15,000 psi [103.4 MPa]
Toolstring Diameter, max	1 ¹¹ / ₁₆ " [43mm]; 2 ¹ / ₈ " [54mm]
Toolstring Length	Varies on Tool Configuration
Toolstring Weight	Varies on Tool Configuration
Toolbus	Ultrawire
Maximum opening	Up to 7 in casing
Materials	Corrosion resistant throughout



FEATURES

- High resolution measurements
- Fast response and low threshold sensors
- Combination with other tools/services
- Memory or surface read-out configurations
- Corrosion resistant materials

TOOLSTRING COMPOSITION

Measurement	Sensor technology	Resolution
Temperature	Platinum resistance	0.003 °C
Pressure	Quartzdyne pressure gauge	0.008 psi
Correlation	Gamma ray	1.1 Counts/API
	Collar locator	1 inch @ 60 ft/min
Water hold-up	Capacitance	0.1%
Fluid density	Fluid Density Inertial Accuracy	-/+ 0.03 g/cc
	Fluid Density Inertial Resolution	0.01 g/cc
Flow meter	Full bore & Inline spinner	10 pulses/revolution

KEY BENEFITS

- Single-phase, two-phase and three-phase fluid quantification
- Coverage of several pipe sizes
- Easy to operate and use
- Operates in wide range of well conditions

TYPICAL APPLICATIONS

- Production/injection profiling
- Zonal contribution evaluation
- Stimulation performance evaluation
- Water break-through identification

