

Real Time Tooling

Real-time insights for advanced Coiled Tubing

Archer's Real Time Tooling is a versatile coiled tubing solution designed for real-time data acquisition and operational efficiency. It integrates advanced sensor capabilities, logging connections, and video diagnostics into a compact tool. This system measures downhole pressure, temperature, and CCL, while providing flow-through functionality and robust safety mechanisms. Its modular design allows seamless adaptation to various coiled tubing operations, enhancing performance and reliability. With unmatched precision and safety, our Real time Tooling is essential for depth-critical operations and live well monitoring.

Features

- Real-time downhole pressure, temperature, and CCL measurements.
- Option to run with: Sensor Tool, Logging Adapter (Wireline) , or Camera Modes
- Ball-actuated release mechanisms for safe BHA and wire disconnection.
- Double flapper check valves to prevent reverse flow.
- Abrasive and non-abrasive fluid compatibility with customizable flow rates.
- Tension, Compression and Torque sub to optimize milling and fishing applications.
- Available in both 2.125" & 2.875"
- Compatible with Acid, Solvent, H2S & CO2

Benefits

- Enhances decision-making with real-time data during coiled tubing operations.
- Ensures safety with robust release mechanisms and flow prevention features.
- Adapts to multiple operational needs with interchangeable configurations.
- Reduces downtime with reliable, field-tested components.
- Acid stimulation whilst tracking bottom-hole temperature
- Optimizes well interventions with precise monitoring and control.

Typical Applications

- Depth-critical operations like perforating and plug setting.
- Monitoring and verification of downhole tool performance.
- High-pressure jetting and milling with real-time feedback.
- Setting mechanical or inflatable plugs with live pressure data.
- Real-time optimization of nitrogen lift and flow analysis

Specifications

- Available on request