



## SmartCoil™

SmartCoil™ is a real-time wireless communications system for coiled tubing applications where all BHA data can be transmitted to the surface via mud pulse technology. The ability to acquire data in real-time greatly enhances the operators' knowledge of both the BHA and reservoir performance without the need to recover the coiled string to the surface for analysis, thereby saving thousands of hours per year in interventions and reducing time and cost at the wellhead.

SmartCoil™ utilizes and incorporates sensor products currently available from UAI. SmartCoil™ has been designed as a modular assembly capable of acquiring data from sensors such as DataCoil™, DataCollar™, DataTorq™ turning all of the aforementioned memory tools into real-time tools when attached to SmartCoil™

The SmartCoil™ assembly is extremely compact when compared to wire in coil systems. When fully assembled, SmartCoil™ measures approximately 10.5' in length. The ability to pick and choose a specific sensor for a particular wellbore intervention greatly enhances BHA assembly length, data acquisition rates, cost per run, ease of use, personnel requirements on site, and overall application usage.

SmartCoil™ has been designed to accommodate all aspects of coiled tubing and can be utilized in logging, perforating, fishing, and MLT operations.

## Features

- Two sizes available
  - 2.250" - CCL or Data Logging
  - 2.875" - Data Logging
- Non-magnetic, NACE compliant materials
- Proven mud pulse wireless transmission
- Wireless real-time data acquisition permits immediate analysis of:
  - Pressure (Internal / External)
  - Temperature
  - Weight on Bit
  - Torque
  - Inclination
  - CCL
- System can accommodate:
  - DataCoil™
  - DataCollar™
  - DataTorq™
- Low cost assembly, reduced intervention times, enhanced data acquisition, easy to use software interface

## Applications

- Reservoir logging
- Perforating
- Pressure analysis during pumping operations
- Real-time bit analysis
- Fishing operations
- Multi-lateral directional indicator
- Accurate depth correlation
- Horizontal wellbore intervention
- Milling / drilling applications