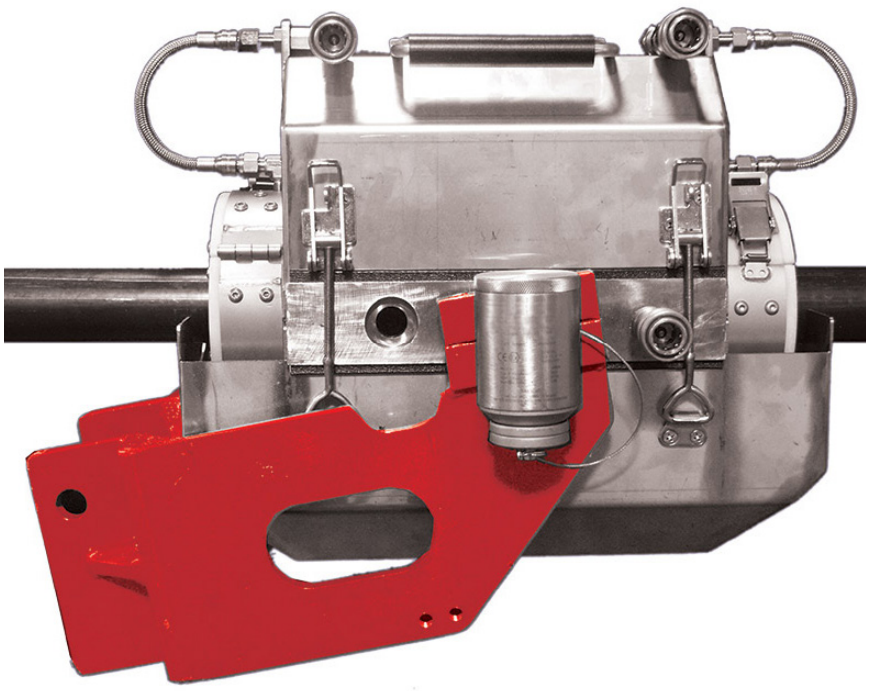
Argus TubeSpec

Increase the accuracy of your Cerberus ReelTrak models



The Argus TubeSpec™ coiled tubing wall thickness measuring device is a unique, patented, ultrasonic device that provides highly accurate circumferential coiled tubing wall thickness measurements as the tubing passes through the device during field operations. These measurements allow you to evaluate the coiled tubing's wall thickness, OD, and ovality along the string's length in real-time.

In today's complex wellsite environments, coiled tubing failure can occur as a result of mechanical damage, erosion, corrosion, tensile overload, and abrasion. These failures are not only costly but time consuming for both you and your customers.

The Argus TubeSpec uses a durable polyurethane element as a medium between the sensor and the coiled tubing that transforms to exhibit a liquid's attributes, eliminating the need for water coupling.

Tubing size	Model number
1.250 or 1.500 in.	CTES-9000-230
1.500 or 1.750 in.	CTES-9000-231
1.750 or 2.000 in.	CTES-9000-232
2.375 or 2.625 in.	CTES-9000-233
2.625 or 2.875 in.	CTES-9000-234

Features and benefits

- Self-calibrating device simplifies setup procedures
- Horizontally split for installation on coiled tubing; no need for dangerous stabbing-through of tubing
- Hazardous area certified – Zone II
- Digital signal processing internally processes 1,000 wall thickness calculations/sec with ± 0.005-in. accuracy
- Outputs 12 minimum, maximum, and average circumferential wall thickness measurements per second with ± 0.005" accuracy and one minimum, maximum and average diameter per second
- Tracks weld-seam location to monitor the rotation of the coiled tubing string
- Indicates when the weld seam is in the vicinity of one of the 12 ultrasonic probes

Specifications

- Operating system required: Windows 7®, Windows 8®, or Windows 10®
- Processor requirement: 1.7 GHz Pentium® IV or higher; recommended 2.4 GHz Pentium IV or equivalent
- Recommended 8 GB RAM, 200 MB free disk space, 24 V DC power supply, and 1024 x 768 screen resolution
- CTES Live™ remote monitoring requires an internet connection
- Tubing depth from a USB, Ethernet, or serial source during operations
- Compressed air supply: 110 psi; hydraulic pressure source: 3,000 psi
- Complete unit weight (excluding mounting bracket and electronics): 66½ lb