



Ultrasonic End Area Inspection System (UTEA)

For Standard API Drill Pipe up to 6-5/8" O.D.



The **TechSonic-W™** is the next generation of our wedge-type ultrasonic end area inspection systems (UTEA). Utilizing our ground breaking new **TRX UT scope** the system can be quickly setup and configured with minimal settings. The TechSonic-W™ is a complete UTEA system utilizing a handheld 4-transducer wedge mounted in an ergonomic inspection wedge holder. This system does not require rotators so it can be quickly and easily transported from one job to the next.

The **"critical"** end area of drill pipe is where the majority of costly down hole failures occur, usually resulting in expensive fishing jobs or possible well abandonment. Small cracks and pitting that may lead to washouts are easily detected with the state-of-the art **TechSonic-W™**.

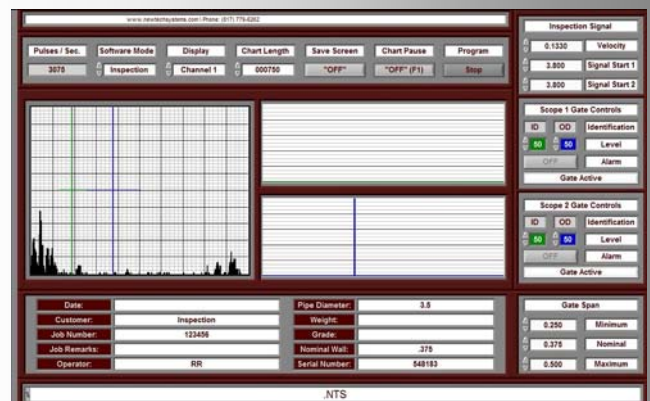
TechSonic-W™ UTEA Includes:

- TRX UT scope with TRX software
- Desktop computer, monitor, mouse, and keyboard
- Choice of (2) inspection wedge sizes (2-3/8" - 6-5/8" O.D.)
- Ergonomic handheld inspection wedge holder
- One set of transducers (4)
- Set of cables
- Parts and operation manual
- Included one day operational training (Mansfield, Texas)
- Complies with TH Hill DS-1 Cat 5 specifications

The **TRX Platform UT Scopes™** is New Tech Systems groundbreaking UT scope developed in-house specifically for the OCTG inspection industry. For many years the OCTG inspection industry has been utilizing UT scopes that were developed for use by many different industries (aerospace, pipeline, refineries, etc.), and as such the UT scopes were very cumbersome and complicated to setup and operate. The TRX platform UT scopes can be easily configured by entering a few values such as nominal wall and setting the gate span. Setup can be performed in minutes as many of the complicated settings and calculations are performed automatically by the software. The TRX platform scopes are capable of I.D. and O.D. flaw differentiation, and inspection results are displayed in an easy to read chart. Also, the TRX scope can display the analog events like traditional UT scopes or display events only indicating when a flaw is detected. The TRX scope is a game changer in the industry due to its simple setup, calibration, and ease of use.



TRX Platform Electronics:
TRX Scope, Computer, Monitor, and Software



TRX Scope Software
Easy I.D. and O.D. Flaw Differentiation