



TechScope EZT-II™

*Portable EMI Drill Pipe Inspection System
Single-Function*

- ◆ Affordable Price/High Performance
- ◆ Designed for Extreme Environments
- ◆ Single-function (Transverse Flaw Detection)
- ◆ Single Master PC Board Design
- ◆ Heavy-duty, High-impact Enclosure with Sealed Cover
- ◆ All Electronics Fan-cooled and Sealed from Outside Elements
- ◆ 2-3/8" to 6 5/8" O.D. Capacity
- ◆ Thermal Printer
- ◆ Computer Port Mounted On Top Panel for Optional DAQTech-III™ Data Acquisition System Upgrade
- ◆ Cables 90-degree Connectors to Eliminate Bending
- ◆ Dual Motor High-speed Buggy Drive
- ◆ Mag Coils, Standard Air Jacks (Hi-Low Air Jacks Optional)



The TechScope EZT-II™ portable, durable, single-function (transverse flaw detection), console-style system for inspecting drill pipe and used tubing in extreme environments. The 8-channel flaw detection system is a single board design. The electronics console consists of a heavy-duty, high-impact, synthetic enclosure with sealed and removable cover. All cable connections are mounted in the top instrumentation panel. The cables have 90-degree connectors to eliminate bending. Capacity includes 2 3/8" through 6 5/8" O.D. All electronics are sealed from outside elements. Included is a 2-channel thermal printer. Computer data port is mounted on the top panel for optional DAQTech-III™ data acquisition system upgrade.



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Inspection Equipment & Related Products with
Systems in Over 50 Countries.*

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S P E C I F I C A T I O N S

The TechScope EZT-II™

Portable EMI Drill Pipe Inspection System (Single-function)

Capacity: 2 3/8" to 6 5/8" O.D. drill pipe and tubing

Functions: 1) Transverse (TV) Flaw Detection (cracks and pits)

Production Rate: Up to 150 Ft. per minute, all functions

Inspection Criteria: The TechScope EZT-II™ is designed to meet most stringent industry requirements set forth by API, DS-1, etc.

- Major Components:**
- 1) Electronics console with single-function circuitry
 - 2) Detector shoe (buggy) heads (sizes optional)
 - 3) High-speed buggy drive with variable speed DC motors
 - 4) Powerful DC magnetizing coils
 - 5) Standard air jack set (Hi-Low jacks optional)
 - 6) Calibration standards (sizes optional)
 - 7) DAQTech-III™ Computer Data Acquisition System (optional)

Buggy Heads and Motorized Drive:

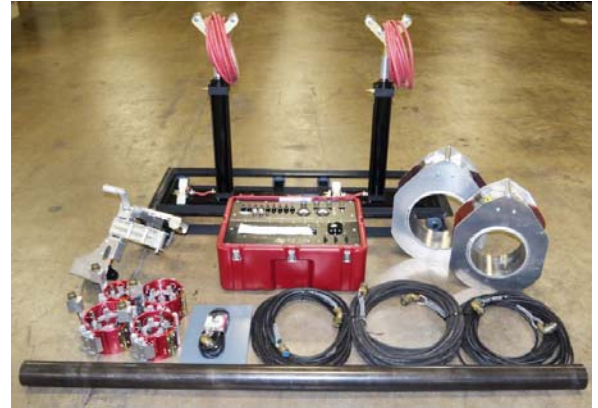
- Buggy heads with transverse inspection functions
- Lightweight & durable design
- Heads available for drill pipe sizes 2 3/8" to 6 5/8" O.D.
- Dual motor buggy drive, aluminum frame and high speed DC/variable speed motors. Evenly balanced for maximum traction & shoe life
- Only one buggy drive required for 2 3/8" to 6 5/8" O.D. pipe

Air Jacks and Mag Coils:

- Air Jacks: Standard and Hi-Low type available. Bearings in roller wheels for long life & smooth operation. Air hoses with quick disconnects and track guides included
- Mag coils with sturdy aluminum frames (9", 11" and 13") wound for maximum gauss output to comply with the most stringent specifications (API, DS-1, etc.)

TechScope EZT-II™ Electronics Console:

- Maintenance-free enclosure
- Single master P.C. board
- Transverse flaw detection function
- Thermal 2-channel printer records in real time for full presentation
- All systems shipped prewired for optional DAQTech-III™ system
- Computer data output port installed
- Easy access to buggy, coil and printer control switches
- 110V or 220V operation



Standard Jacks with Components



Optional Hi-Low Air Jacks



Optional DAQTech-III™ System

VISIT OUR WEBSITE: www.newtechsystems.com