

Automated MINI Scanner: A Remote Scanner for Pocket UT™

COMPACT AND AUTOMATED

The fully automated MINI Scanner is designed to inspect flat plate or pipe down to 3" in diameter. Featuring powerful magnetic wheels, the MINI Scanner is at home scanning vertically or even upside down! Inspection scanning speeds are as high as 6" per second, with

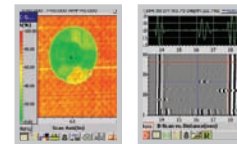
an indexing/crawling speed of 2" per second, or optional servo version with 15" per second speed and 3" crawling speed.

Top Right: Mini Scanner shown on 6" pipe. Magnetic wheels allow a full 360° degree scan. The optional bubbler is used to conform the sensor to the surface and supply liquid couplant.

Product Features

- Compact and Only 14 lbs.
- Two Axis of Precise Motion
- Waterproof Stepper Motors
- Scan Speed 6"/second
- Magnetic Wheels
- 14" Scan Width
- Zero Backlash Lead Screw
- Universal Transducer Mount
- Accepts Optional TOFD Kit
- Optional Bubbler with Gimbal-Gimbal Compliance
- 100-240 VAC & 9-18 VDC Operation
- Custom Carrying Case

The complete kit includes the MINI Scanner, 2-axis power supply, all umbilical cabling for power and water and UT connections to a Pocket UT™ kit. Optional transducers, bubblers and TOFD wedges are available.



Far Left: Complete C-Scan
Left: TOFD

The Automated MINI Scanner is available in the following two configurations:

1. The Pocket UT™ provides the Ultrasonic Pulsar/Receiver, C-scan imaging and the scanner motion control and power supply. The Pocket UT configuration offers more portability.
2. The second configuration uses an ULTRAPAC computer with power supply, UTwin™ software (C-Scan and motion control) and a Pulsar/Receiver card. The laptop configuration offers a larger memory storage capability.



Pocket UT™ system not included; may be purchased separately.

For more information on the MINI Scanner or the Pocket UT™, please call 1-609-716-4000 or visit us on the web at www.mistrasgroup.com

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