



QUALITY MATERIAL INSPECTION, INC.

5442 Oceanus Drive, Huntington Beach, CA 92649

MODEL LS-02 TABLETOP SCANNER



For Airscan® Non-Contact C-Scan Applications

In combination with an ultrasonic data acquisition system, the LS-02 Lab-Scanner is used to produce C-Scan images geometrically corresponding to the test sample.

This versatile tabletop scanner features:

- ◆ Digital Motion Control and Data Acquisition
- ◆ Selectable Scan Speed - 1" To 20" Per Second
- ◆ Interchangeable X&Y Index And Scan-Line Direction
- ◆ Programmable Scan Envelope
- ◆ Acceleration/Deceleration Feature To Assure Smooth Scan Reversal

DIMENSIONS

Frame Dimensions:	L 27" x W 27" x H 16"
Scanning Window:	L 24" x W 24"
Line Power:	115 Volt, 50/60 Hz approx. 5 Ampere (Other line power ratings are optional)
Step Size:	0.005 " Minimum
Yoke Assembly:	24", with a span adjustable from 0" to 12" For Thru Transmission Technique, with integral Transducer Manipulators.

ACCESSORIES

Motion Control & Data Acquisition	QMI MC-ST-02 Motor Controller WINSPECT Motion Control & Data Acquisition Software Industrial 1.5GHz AT computer CD R/W 8x4x32 120MB high density floppy drive 80GB hard drive 256MByte Ram. Motion Control Card A/D Converter Card 17" Flat Panel Monitor Keyboard Optical Mouse
Airscan Instrumentation	SONDA 007 CX Multi-Frequency Range Digital Airscan Instrument, With Analog (+/-5v) & RF Outputs (1VAC P-P) Airscan Transducers, Transmitter & Active Receiver with Integral Super Low Noise-Preamplifier, Available in 50kHz, 120kHz, 225kHz, & 400kHz Versions.

**QMI offers a full range of custom ultrasonic turnkey systems,
from flaw detectors to complete data acquisition.**