



**For Immediate Release**

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## **SONIX™ INTRODUCES THE ECHO PRO™ WITH DRY TRAY™ SCANNING**

**Springfield, VA** - Sonix™<sup>1</sup>, Inc., a leading designer and manufacturer of Scanning Acoustic Microscopes (SAM), introduces its Echo Pro™ with Dry Tray™ (patent pending) scanning, providing fully automated inspection of semiconductor components in industry standard JEDEC trays.

Semiconductor manufacturers often use industry standard JEDEC trays to transport individual components between process steps, as well as to hold parts during inspection. Loading trays into a SAM system that automatically moves them through the scanning process can reduce inspection cycle time and the number of machine operators required. This combination of improved throughput and reduced labor can help manufacturers substantially reduce their inspection cost per unit.

The Sonix Echo Pro has been specifically designed to address the needs of high volume semiconductor manufacturers by reducing per unit cost of ultrasonic inspection. Up to 30 Thin (0.25”), or 20 Thick (0.48”), JEDEC trays (as well as custom trays) can be placed in the Echo Pro load station, for inspection using Sonix new Dry Tray scanning process. Sonix Dry Tray scanning uses a pick and place robot to move the parts from the tray to the production proven Echo™ scanner for inspection, after which the robot dries and places them back in the tray. Drying the parts outside the tray eliminates the need for a separate drying step, as well as the issues caused by the need to remove water from both the parts and the tray, reducing overall cycle time. Dry Tray scanning also improves inspection accuracy by removing tray to tray variation, due to tray warp or damage, as a factor, as well as the limitations on parts inspection capability that can result from the tray wall dimensions.

The Echo Pro is a robust production tool designed for 24/7 operation, built on the same core components found inside our proven world class manual Echo systems. It also shares the same established WinIC™ software, combined with our innovative production interface for easy operation.

Sonix, Inc. is a designer, developer, and manufacturer of scanning acoustic microscopes (SAM), for use in FA/QA laboratories, R&D and as part of the production process. All Sonix systems have the CE Mark and are Semi S2/S8 compliant.

For more information on the Sonix Echo Pro, or Sonix's complete product line, contact Sonix, Inc., 8700 Morrisette Drive, Springfield, VA 22152; call 703-440-0222, fax: 703-440-9512 or e-mail: info@sonix.com.

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<sup>1</sup>Sonix, Echo, Echo LS, Echo VS, Echo Pro, Fusion, Vision, AutoWafer, AutoWafer Pro, Win IC, SDI, Dry Tray, TAMI, Flexible TAMI and MFCl are all trademarks of Sonix, Inc.