

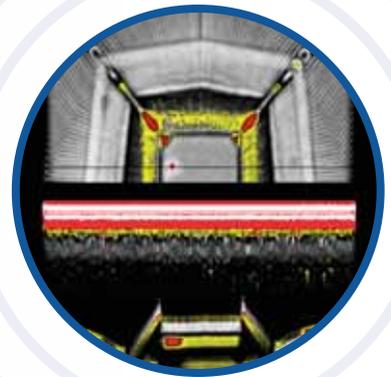
D9500™ C-SAM®

The Contemporary Standard for Acoustic Microscopes



Maximum Flexibility for Detailed Inspections

The D9500™ is the new contemporary Acoustic Micro Imaging standard that delivers unmatched accuracy and robustness, which is ideal for failure analysis, process development, material characterization and low-volume production. The D9500 incorporates a new, more ergonomic design and operates in both reflection and transmission modes.



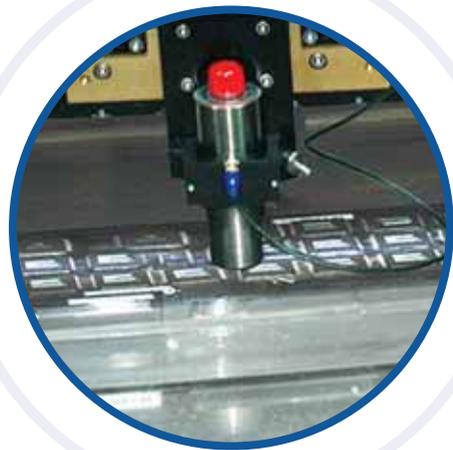
Q-BAM™

Quantitative B-Scan Analysis Mode delivers a "virtual cross-section" of the sample.



Features

- Inertially Balanced Linear Scanner with counterweight to minimize vibrations and ensure optimal scanning results
- New, larger maximum scan area to accommodate large samples or multiple trays
- Multi-Language OS and Visual Acoustics™ Interface allows technicians and operators to work in their native language. Includes English, Chinese and Japanese
- Temperature control options to maintain precise water temperature and ensure consistent imaging throughout the day, regardless of changes in ambient air temperature
- Applications Setup Wizard™ and C-SAM Interactive™ help users easily learn and set up new applications for optimal results
- Quantitative B-Scan Analysis Mode (Q-BAM)™ incorporates Sonoscan's proprietary B-scan mode to provide a virtual cross-sectional view with accurate polarity and depth data



Enhanced Scan Platform

Open access, improved lighting and large area capacity.



D9500™ C-SAM®

The D9500™ delivers maximum flexibility for detailed inspections. Whether your needs are for failure analysis, process development, material characterization, low-volume production, or other lab inspections, the D9500 delivers unmatched capabilities. Operating in both reflection and transmission modes, the D9500 delivers a level of accuracy and robustness that sets the contemporary standard for AMI.

Using Sonoscan's proprietary transducers and employing the widest range of patented features and unique scanning modes, the D9500 delivers the most accurate, highest resolution and highest quality acoustic images available.

Designed with the operator in mind, the D9500's Visual Acoustics™ Interface allows technicians to work in English, Chinese or Japanese. In addition, a new, more ergonomic design helps maximize productivity and improves the overall operator experience.

A patented, inertially balanced linear scanner, a new, larger maximum scan area, and timesaving features such as Simultaneous Transmission and Reflection (STaR)™ mode, make scanning larger samples and trays of samples fast, easy and incredibly accurate. For moisture-sensitive devices, the system can also easily be fitted with Sonoscan's proprietary Waterfall™ transducer, eliminating the need for an immersion tank.



Leaders in Nondestructive Internal Inspection



Since its inception, Sonoscan has focused on developing superior Acoustic Micro Imaging (AMI) technology to help our customers build higher quality products. Sonoscan remains the most trusted authority on the application of AMI for nondestructive internal inspection and analysis, and holds more US and foreign patents related to AMI technology than any other manufacturer.

Sonoscan Delivers:

- **Superior Image Quality** by being the only AMI company with our own transducer/lens development lab and fabrication facility
- **Extraordinary Data Accuracy** through our proprietary signal processing algorithms, analysis functions and color maps
- **High Throughput Rates** by developing the most advanced features and instruments
- **Unsurpassed Technical Expertise** with more than 20 dedicated and highly experienced AMI applications engineers on staff

For a complete list of D9500™ specifications, please contact Sonoscan at 847.437.6400.