

Gen7™

C-SAM® Inspection System

Our most versatile C-SAM instrument ever!

Features and Benefits

- See more of the image on dual 28" 4k monitors.
- Do more with advance user interface Sonolytics 2™ for Windows 10®.
- Better results with up to six times the acquisition rate.
- Scan larger parts with a 23% greater scan area.
- Faster acquisition times with five individual motors.



The Gen7 C-SAM inspection system is the latest generation in Acoustic Micro Imaging. Built on the advancements made by its predecessors, the Gen7 delivers the most advanced hardware ever available. The advanced hardware allows for new features and analysis that can now be completed faster than ever before.

Advanced features such as PolyGate, SonoSimulator, Virtual Rescanning Mode (VRM) and Frequency Domain Imaging (FDI) add value and confidence. With its large, easy access illuminated scanning area, the Gen7 has the capability to efficiently scan everything from a small part up to 350mm sized parts.

In addition to being packed with leading innovations, the Gen7 was designed with the user in mind. Its ergonomic features make it comfortable and convenient to use. The new Sonolytics 2 is an advanced operating software with new, even more intuitive operator interface menus which help maximize results, while saving operator time.

The Gen7 is truly the most advanced acoustic microscope, delivering a package of technology, ergonomics, and advanced Nordson SONOSCAN-developed features that cannot be found anywhere else.

Gen7

Specifications

The Gen7™ C-Mode Scanning Acoustic Microscope is the latest generation in Acoustic Microscopy Imaging (AMI) innovation. Improvements include the latest cutting-edge technology, advanced features, aesthetics, and ergonomics, the Gen7 is our most flexible instrument and takes acoustic imaging to the next level.

The Gen7 delivers the broadest range of capabilities available. Whether your needs are for nondestructive failure analysis, process development, R&D, High-Rel qualification for a military application, or low/medium volume screening, the Gen7 is the one C-SAM system that can meet all of your demands. Gen7 is perfect for a variety of applications, such as; Microelectronics, MEMS, SSL LEDs, Power Modules, Solar, High-Tech materials, etc.

Advanced Sonoscan® capabilities such as PolyGate™, SonoSimulator™, Virtual Rescanning Mode (VRM)™, and Frequency Domain Imaging (FDI)™ add value and confidence. With its large, easy access, illuminated scanning area, the Gen7 has the capability to efficiently scan everything from a single part, to a 300mm wafer, with its tower referenced scan and fixtures.

In addition to being packed with leading Sonoscan innovations, the Gen7 was carefully designed with the user in mind. Its ergonomic features make it comfortable and convenient to use. Its advanced applications Sonolytics 2™ software and new intuitive operator interface menus help maximize results, while saving operator time. Plus, its open access and illuminated tower referenced sample stage allow for easier loading and unloading of samples. The Gen7 is truly the new generation C-SAM, delivering a package of technology, ergonomics, and advanced Sonoscan-developed features that cannot be found anywhere else.

About Nordson Corporation

Nordson Corporation (Nasdaq: NDSN) is one of the world's leading producers of precision dispensing equipment that applies adhesives, sealants, coatings and other materials to a broad range of consumer and industrial products during manufacturing operations. The company also manufactures equipment used in the testing and inspection of electronic components as well as technology-based systems for curing and surface treatment processes. Headquartered in Westlake, Ohio, Nordson has direct operations and sales support offices in more than 30 countries.

Leaders in Nondestructive Internal Inspection

Since our inception, Nordson SONOSCAN is focused on developing superior Acoustic Micro Imaging (AMI) technologies to help our customers build higher quality products. We are the most trusted authority on the application of AMI for nondestructive internal inspection and analysis. Our patented systems span the laboratory and production environments and are regarded as the standard for accuracy and throughput.

For more information, speak with your Nordson representative or contact your Nordson regional office.

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