MACROVUE-P
SCANNING ACOUSTIC MICROSCOPE

Semiconductor Package Failure Analysis
voids · disbonds · cracks · delamination · internal defects

Customer Interface
Dual 22" HD LED Monitors

Fixtures
Tray Fixture
Optional Through
Transmission Bracket
LED illumination

Instrumentation
Digital Pulser Receiver
Optional second channel
Up to 12 GHz Digitizer

Scan Area
Up to 1000 mm x 800 mm

Maintenance Free Scan Axis
Motor:	Quad Linear Servo
Max Velocity:	Up to 2000 mm/s
Accuracy & Repeatability:	+/- 0.5 micron

Scan Envelope: Up to 1000 mm
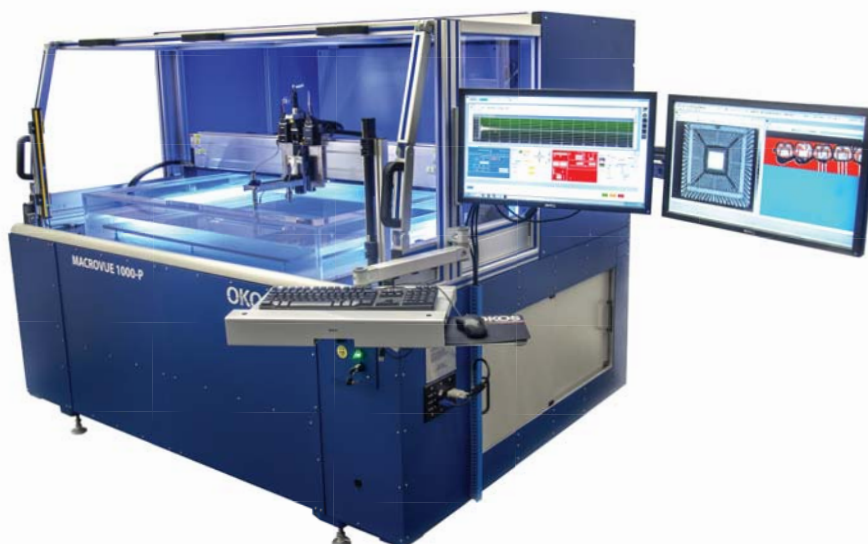
Low Maintenance Step Axis:
Step Envelope — Up to 600 mm

Low Maintenance Focus Axis:
Focus Envelope — Up to 150 mm
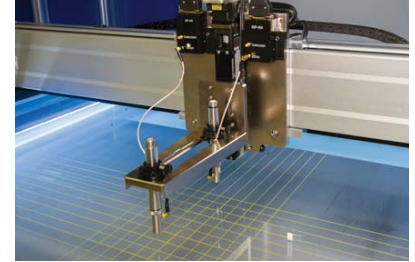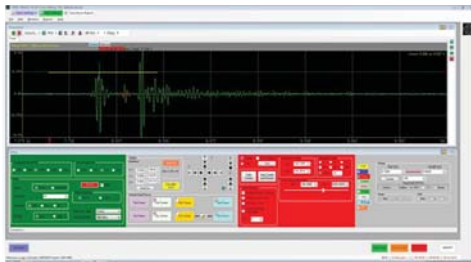
Tank:
Depth — Up to 500 mm

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Included Software Modes:

· Basic (user friendly)
· Advanced (detailed analysis)
· Production (automated scanning)
· Offline Analysis (virtual scanning)

OKOS Digital Imaging System (ODIS)

MACROVUE-P imaging power surpasses modern standards delivering premium FA Lab features to semiconductor fabrication facilities. ODIS is the latest Acoustic Microscopy software with rich technical content built on current platforms and industry feedback. It includes both time domain and frequency domain imaging in real-time. Advanced analysis is provided through quantitative tools for measurement and classification of parts.
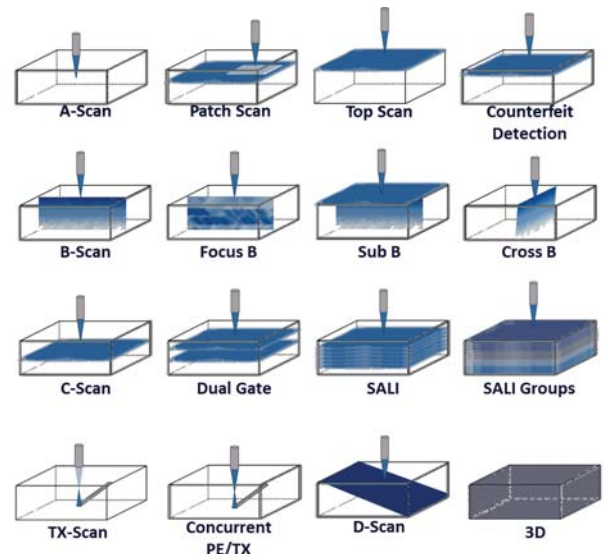
The Analysis version of ODIS allows non-scanning computers to virtually scan, view, and analyze data for simultaneous real-time analysis or post collection review. Supplied with your choice of Windows 7 or 10.

· Counterfeit Detection	· Product Inspection
· Product Reliability	· Quality Control
· Process Validation	· Failure Analysis
· Vendor Qualification	· R&D

Application Specific Transducers
for the highest quality resolution.
Multiple transducer design for enhanced scan capability.

A-Scan Patch Scan Top Scan Counterfeit Detection
B-Scan Focus B Sub B Cross B
C-Scan Dual Gate SALI SALI Groups
TX-Scan Concurrent PE/TX D-Scan 3D

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