

VUE 250-P SCANNING ACOUSTIC MICROSCOPE

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

Customer Interface

Dual 22" HD LED Monitors

Fixtures

Open Tank Bed

Instrumentation

Digital Pulser Receiver
Digitizer (Max 4 GHz)

User Experience Elements

HD LED Lighting
ESD or Stainless Steel Tank

Maintenance Free Scan Axis

Motor: Linear Servo
Max Velocity: 500 mm/s
Accuracy & Repeatability: +/- 1.0 micron

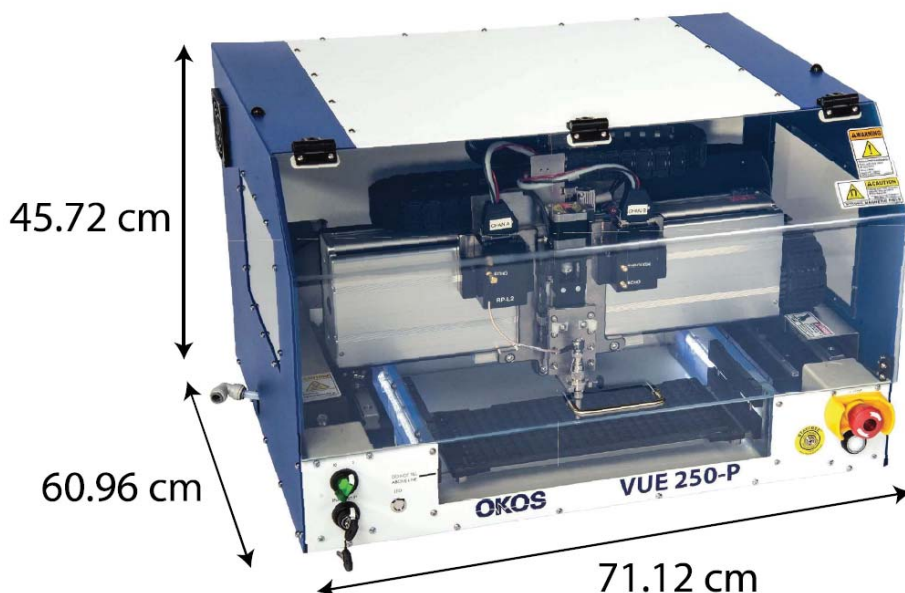
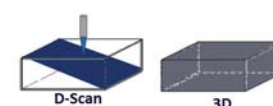
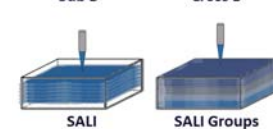
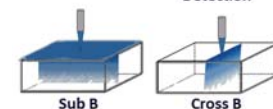
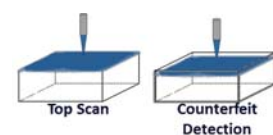
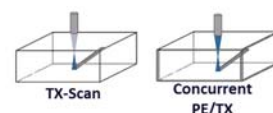
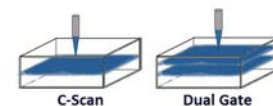
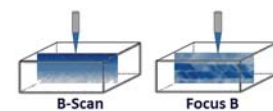
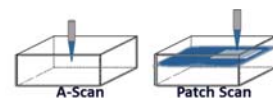
Scan Envelope: 250 mm

Low Maintenance Step Axis:
Step Envelope 125 mm

Low Maintenance Focus Axis:
Focus Envelope 25 mm

Dimensions:

71.12 cm x 60.96 cm x 45.72 cm (W/D/H)
81 kg



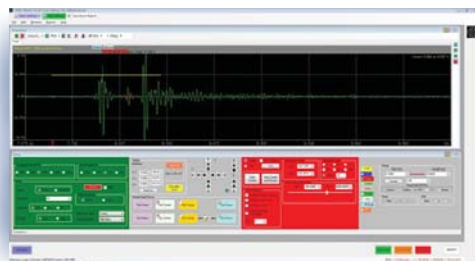
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Included Software Modes:

- Basic (user friendly)
- Advanced (detailed analysis)
- Production (automated scanning)
- Off-line Analysis (virtual scanning)



OKOS Digital Imaging System (ODIS)



VUE 250-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.

