



Vue 400 Dual Channel

Scanning Acoustic Microscope



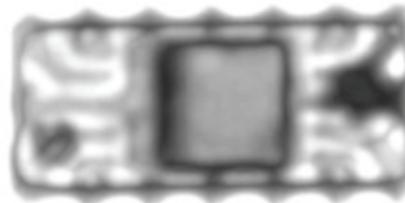
Vue 400 is the latest generation scanner from OKOS designed with advanced instrumentation and software to meet manual production and lab requirements.

Vue 400 can collect Pulse Echo images from top and bottom simultaneously. ODIS software automatically registers both images and presents to the user in a single collection.

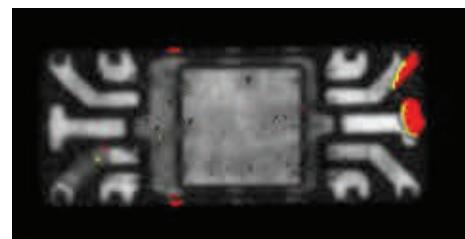
Operational Modes

Simultaneous Pulse Echo from Top and Bottom with transducers offset mechanically to avoid signal interference.

Hands Free Pulse Echo from Top, Pulse Echo from Bottom and Through Transmission without switching cables or rescanning. ODIS software automatically collects data from two transducers simultaneously.



Through Transmission Image



Pulse Echo Image

Advantages

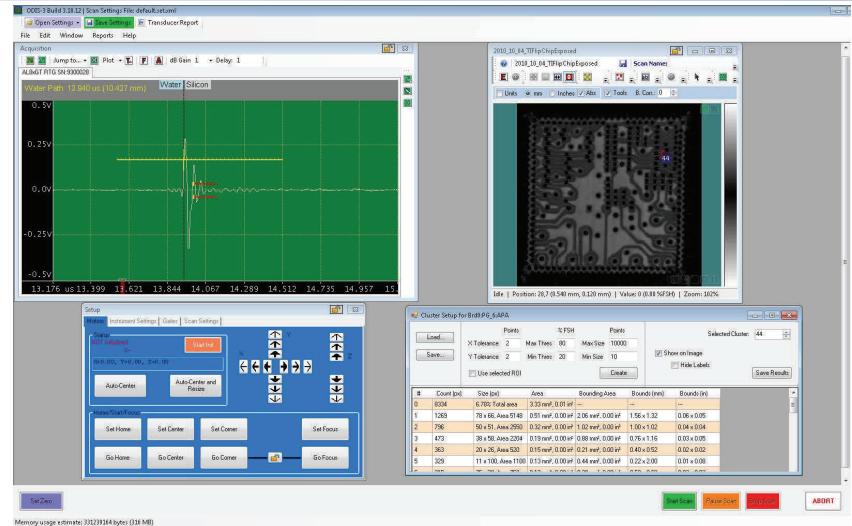
- Dual Transducers
- Two Trays Simultaneously
- Higher Productivity
- Scans from Top and Bottom



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ODIS WinSAM Software

ODIS is a flexible and powerful Ultrasonic Imaging software. It is designed and built on ideas provided by industry experts and customers. Developed in state-of-the-art C# from Microsoft, ODIS software can be modified and enhanced easily. Local language support is available for production environments. All data is stored in non-proprietary format and can be easily exported to other systems.



ODIS Features

- Windows 7
- SALI Scan (100 Gates)
- Real-Time FFT Scans
- Multiple B-Scan Regions
- Cluster Analysis
- Easy Data Export
- Advanced Analysis
- Lab/R&D
- Production Mode

System Specifications

Mechanical

Servo on scan axis
1.0 m/s max scan velocity
+/- 0.5 micron accuracy
0.5 micron data resolution
350 mm x 330 mm x 50 mm

Sub Systems

High frequency digital pulser receiver
High sampling rate digitizer

Dimensions

900mm W x 900mm D x 1300mm H
300 kg



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