

## Multi-Axis XYZ-TT-GS INDUSTRIAL IMMERSION SCANNING

Utilizing the very latest technologies, immersion inspection allows for internal and flaw detection. Parts are submerged in water which acts as a coupling medium for the ultrasonic probe. Internal and external inspection for defects or thickness measurement is very accurately carried out via the inspection software. Subsurface flaws, disbands, cracks and other irregularities can be analyzing for size, thickness, depth and other quantitative features.

- High speed low vibration Linear Motor
- Offline analysis for virtual re-scanning of parts that are no longer available
- Multi Axis scan options (X, Y, Z 1&2, Gimbal 1&2, Swivel 1&2 and Turntable)
- Contour following for inspection of curved parts
- Squirter transducer holder available
- Real-time A, B & C-scans
- Simultaneous Multi-zone inspection



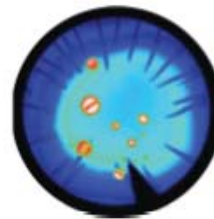
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### OKOS Digital Imaging System



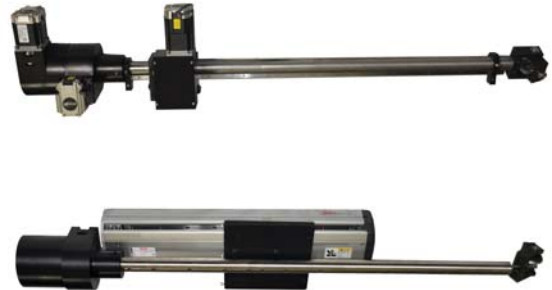
ODIS Acoustic Microscopy software with rich technical content is built on industry feedback. It includes both time domain and frequency domain imaging in real-time. Advanced analysis is provided through quantitative tools for measurement and classification of parts.

The Analysis version of ODIS allows non-scanning computers to virtually re-scan, view, and analyze data.



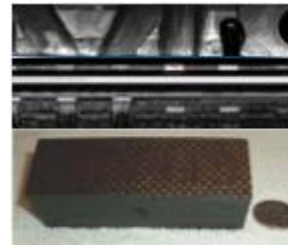
#### Defect Detection

Multiple Zones  
Near Surface  
Sub Surface  
Inside Part



Feature	ODIS	Others
Ultra Large Scans (up to 40 GB)	✓	x
Ultra High Rep Rate (up to 30 KHZ)	✓	x
90 Simultaneous Gates/Channel	✓	x
Multiple Gates on Multiple Channel	✓	Limited
Image Analysis	✓	✓

#### B-scan & SLICE Imaging



#### Advanced Software Controls for Engineers



### Metals & Alloys



### Turbine Blades



### Composites

