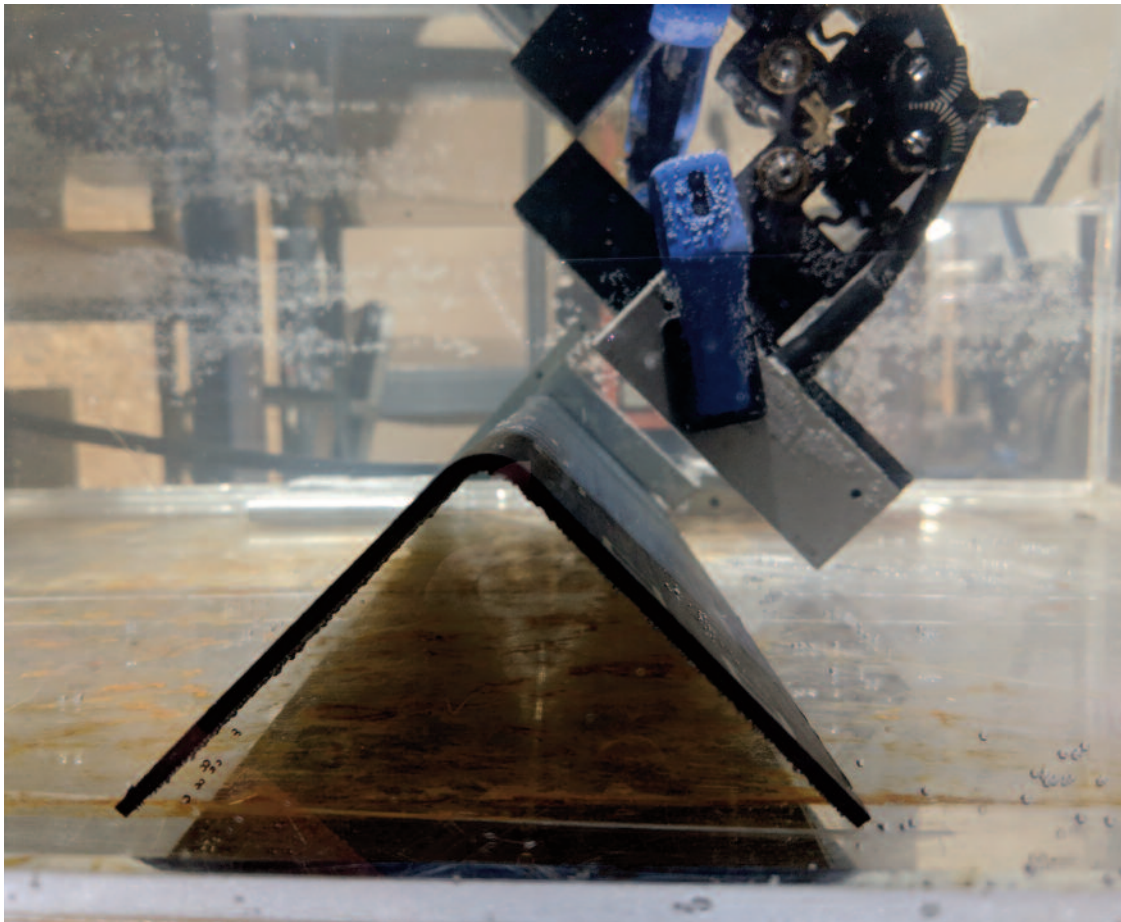


Echomac[®] PA Ultrasonic Composite Parts Tester

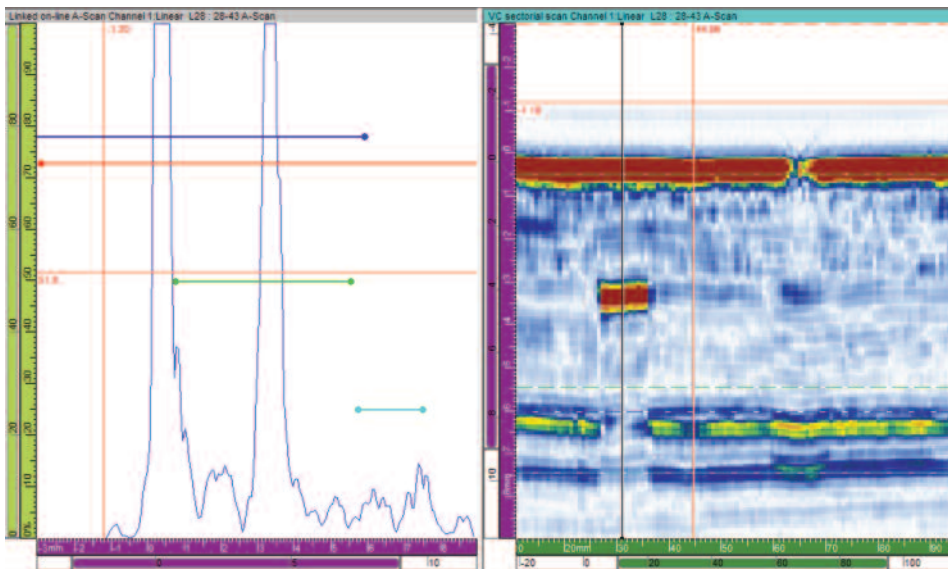


Inspect a Large Range of Part Geometries

MAC's new Echomac® PA Composite Tester ensures complete inspection of the part. The system is scalable, allowing the flexibility of adding channels as needed to handle a large range of part geometries. Meets or exceeds USA, European and other international specifications in aerospace and automotive industries. MAC can supply mechanics designed to meet customer requirements ranging from inline bubbler systems to stand alone immersion tanks with part placement.

Echomac® PA Composite Tester Features

- ❑ 19" Touch Screen
- ❑ Step by Step screens for the operator
- ❑ Bar Code Entry and auto select setup
- ❑ Alarm for loss of interface, backwall drop, defect detection. (Visual, Audio and On screen)
- ❑ C-Scan imaging of test results (Top View)
- ❑ Position Encoded C-scans to locate defects on the specimen under inspection.
- ❑ Offline Data Analysis software for Level 3
- ❑ Digital inspection data can be saved per part serial number for future reference.
- ❑ One 128 element Linear Phased array (System can be scaled to accommodate up to 10, 128 Element PA probes).
- ❑ Can be integrated with mechanics of various types to accommodate part geometry and manufacturing requirements.



Typical A-scan and B-scan view of a composite part under inspection

The Echomac® PA Phased Array Instrument is designed and sold by Magnetic Analysis Corp., a US based leader in supplying NDT instruments, systems and service for over 90 years.

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