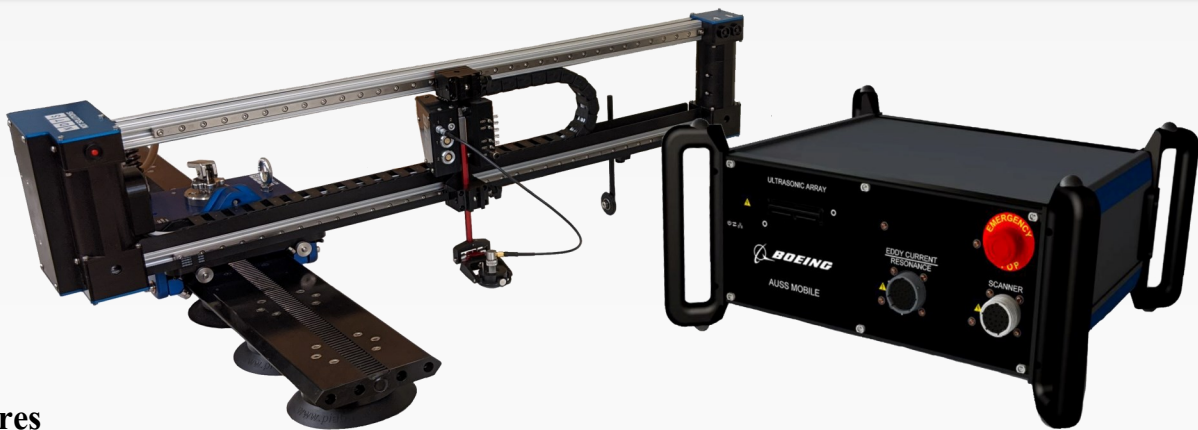


AUSS MOBILE

Automated Ultrasonic Scanning System

The Next-Generation Digital Mobile Scanning Solution

AUSS Mobile is the newest addition to the AUSS family. This unique portable C-scan inspection system incorporates ultrasonics, eddy current, and bondtesting in a single system enabling multiple inspections for aircraft production, maintenance, and sustainment programs.



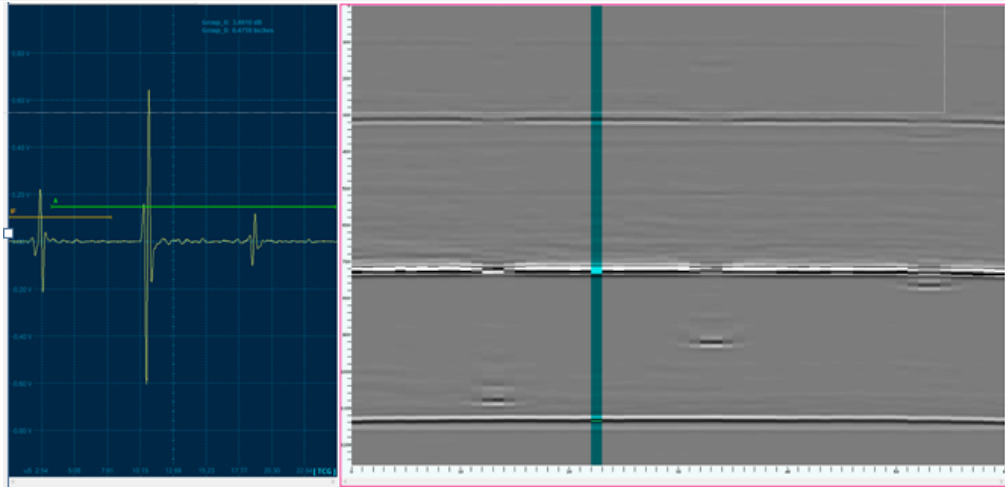
Features

- Direct replacement for the MAUS offering enhanced capabilities to meet current data acquisition needs
- Highest quality scanning and imaging utilizing the ImagIn software architecture
- Multi-modal design enables the following inspection techniques
 - Ultrasonic sensors / multi-element arrays (64x128)
 - Bond testing with Resonance, Pitch/Catch and MIA
 - Eddy current sensors / arrays (up to 512 elements)
- High-resolution digital waveform capture and off-line data analysis processing provides unparalleled interpretation capabilities
- Equipped with the latest phased array technology to deliver significant performance and faster inspection speed in highly demanding applications

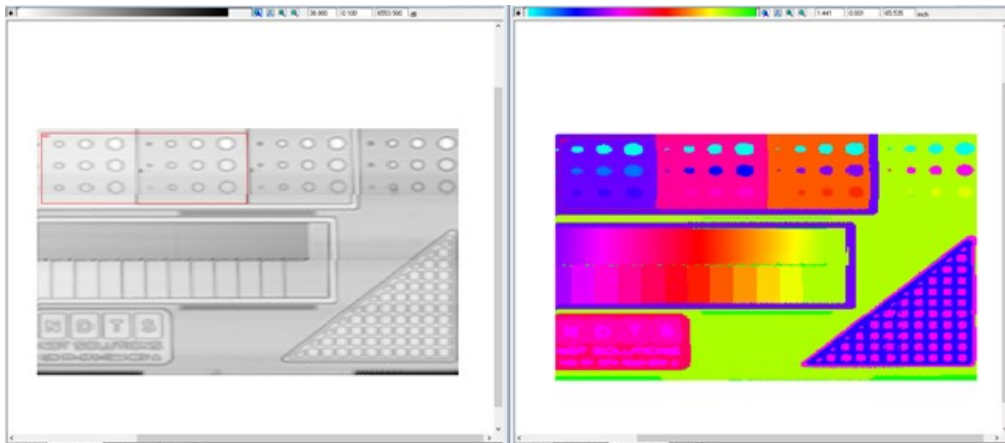
Capabilities

- Versatile platform allows for a variety of scanning peripherals for unique customer requirements
- Fully integrated 2 axis motion system allows for a variety of scanning peripherals for unique customer automation requirements

An Unmatched Solution for Nondestructive Inspection



Superior data with unsurpassed capacity utilizing A, B, C-Scan merged views, plus true acquired waveform data. Comprehensive user interface enables data analysis with simplified setup file construction. Customized views can be displayed using multiple gating scenario's, unique algorithms, tools, or refined color palettes.



Having C-Scan imaging capability enables field technicians to conduct inspections with comprehensive results. Utilizing the NDTs P/N 99-595-T264, Ultrasonic Calibration Standard as shown above, the technician can evaluate the performance of a system for linearity, thickness, sizing, and resolution. The C-scan can display echoes according to the time-of-flight or the amplitude of each of the encoded A-scan signals. Using color palettes with adjustable trigger points allows highlighting specific defects based on amplitude or time-of-flight.