Automated NDT Equipment

Development of custom-build NDT inspection solutions for aerospace manufacturers

Applus+ Laboratories provides cost-effective, time-efficient and superb-quality NDT solutions for metal and composite materials. We specialize in the development of custom-build automated NDT equipment for aerospace manufacturers.

NDT EQUIPMENT ENGINEERING

State-of-the-art customized automated NDT machines: robotic systems, gantry systems, immersion tanks.

- High accuracy machinery capable of inspecting large and complex components.
- Up to 32-axis in synchronized motion working in a single coordinate system.
- Multiple inspection technologies: conventional ultrasonics, phased array, thermographic and digital x-ray inspections

OPTIONAL SYSTEMS and ACCESSORIES

- Turntables
- Part Scanning Fixtures
- Transport and Storage tools

UNIQUE SOFTWARE and INTERFACE

- Scan Configuration: Fast teaching tools, CATIA Import, Fully integrated motion control, Multiple Ultrasonic parameters inspection, 8 Oscilloscope data collection screens

Contact: info@appluslaboratories.com
• **Scan Results:** Real time data, Multiple data set screen representations, Evaluation tools (defects characterization)

**NDT MACHINES CO-LOCATION**

• Co-location of machines and inspectors in customer facilities to conduct customized NDT programs.
• NDT certification, qualification and maintenance programs