

## Heavy Duty Industrial Immersion and Gantry Systems for Ultrasonic Inspection

NDT Automation's (NDTA) Industrial Ultrasonic Immersion Systems product line includes a variety of product sizes, all designed to provide a rugged solution for the inspection of metallic or nonmetallic components of all geometries in harsh industrial environments.

*Aerospace Components & Composites • Precision Metals • Critical Bonding*

### Specifications and Options:

- Models are available from table top to free standing Gantries, with pulse-echo and/or through transmission
- Inspection speeds are based on user flow requirements - rotation speeds are based on part diameter and weight (with integral turntable option)
- Longitudinal scanning speed in excess of 25 inches (600 mm)/second
- With virtually an unlimited choice, from low .5 MHz to ultra high 100 MHz models, transducers are based on user and inspection requirements
- Rugged industrial construction with precise linear drive rails. Options for ball screw drive (belt standard) for ultra-high precision
- Heavy duty Stainless Steel Tank with filter and pump standard
- Closed loop, high torque ultra low noise micro-stepping motors
- Full-featured Windows 2000/XP A, B and C-Scan Software
  - Available options include: RF save and replay, TOFD, Weld, 3-D display, Bond, Clustering and Contour Following



6-axis, 36" x 36" x 36" industrial tank for the ultrasonic inspection of aerospace missile components.

For more information about our  
Heavy Duty Industrial Immersion and Gantry  
Ultrasonic Inspection Systems,  
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