



simplifying Bar, Tube, Plate Inspections

Manual Custom Robotic Ultrasonic Solutions PLATE SOLUTIONS Contact Immersion Custom

OPTIONS

Controller Elevator PA or UT Multiplexer



Plate

Immersion or Custom Systems

Immersion tanks of any size can be build to inspect plates. Many other configurations can be build such as local immersion, bubbler or contact.

multi axes system designed for your operation

FEATURES

- Galil or Siemens controller
- 3 to 5 axes
- !• Conventional or Phased Array
- Filtration system (heater, filters, UV light)
- Custom HMI
- . Plant network interface





SYSTEM DELIVERY

Immersion tank or custom mechanics Controller Filtration system Control Software Acquisition Software Custom HMI







Bar inspection mechanical systems vary. They range from a pass-though system, to a bar rotator and finally to an immersion system. They can be fitted with conventional or phased array instrumentation.



custom mechanics for a system designed for your application

FEATURES

Volumetric or bar center Coupling check Calibration routine A, B, C scans and strip charts Custom HMI Sold with a large variety of UT instrumentation







SOLUTIONS Immersion Contact Stuffing Box



AFFORDABLE SOLUTIONS

In-line or Off-line Round or square bars PA or conventional UT



ULTRASONIC

Bar, Plate and Tube systems share the same overall ultrasonic hardware and software Customized for a more efficient operation.

Tube

SCANNERS

FEATURES

Contact, immersion, custom scanners Phased Array or conventional Longitudinal or shear wave inspection Excentricity and ovality measurements Welded and non-welded tube Internal or external inspections



all solutions designed with a CIVA simulation



Ultrasonic studies

All application (bar, tubes and plates) are designed by optimizing the ultrasonic choices. This optimization includes probe selection, scan parameters and ultrasonic set-ups (delay laws, focalization, index, etc.)This ensures that the proposed system inspect reliably to the specifications provided. Simulation include longitudinal and transverse beam simulation and interaction of ultrasound with flaws of interest.

reliable inspections



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