

Bar Rotator Ultrasonic Inspection Systems

Our Bar Rotator UT Inspection Systems product line includes a variety of product sizes, all designed to provide a standard solution for the inspection of metallic or non-metallic tubular (pipe) geometries. Typical applications include:

Pipe Manufactures • Roll Fabricators • Tubular Structures

The Bar Rotator ultrasonic inspection system concept utilizes a high-speed Bar Rotator to provide rapid 100 percent surface ultrasonic coverage of pipe and tubular structures. Systems can be fabricated with various geometries (e.g. pipe diameter and length ranges) to suit a wide variety of inspection needs. Transducers can be selected as a function of inspection requirements, but primary applications are for thinning, delamination, cracking and porosity.

System Features:

- Models available for pipe diameters from inch (25 mm) through 40 inches (1 M) and with virtually unlimited length capabilities
- Inspection speeds based on user flow requirements rotation speeds based on pipe diameter and weight
- Longitudinal scanning speed in excess of 25 in (600 mm)/sec
- Transducers - a function of user and inspection requirements virtually unlimited choice
- Rugged industrial construction



13 foot (4 M) Bar Rotator System with host PC shown in operation.



195 Clarksville Road, Princeton Junction, NJ 08550 USA
Phone: (609) 716-4123 • Fax: (609) 716-0706
Email: sales.systems@mistrasgroup.com • www.mistrasgroup.com