



Echomac[®] 25mm Ultrasonic Rotary

For Inspecting High Precision Small Diameter
Tube & Bar



Echomac® 25mm Ultrasonic Rotary Tester

Latest in MAC's line of UT rotaries, the Echomac 25mm is designed to provide optimum results in challenging applications, including high precision small diameter, thin wall tubular product for nuclear and aerospace installations and bar for testing medical components.

Echomac® 25mm Rotary Features

- ❑ 100% test coverage with high throughput rates.
- ❑ Handles tube and bar ranging from 5 to 25mm diameter.
- ❑ Test wall thickness as thin as 0.3mm.
- ❑ Local remote pulser/receiver allows high gain but provides low susceptibility to mill electrical interference.
- ❑ Wide band width transformer signal coupling allows for any transducer frequency selection from 5 to 17 MHz.
- ❑ Precise thickness resolution (<1 µm) and excellent repeatability and reliability.
- ❑ 8,000 RPM running speed.
- ❑ Precision test blocks & transducer holders.
- ❑ Convenient adjustment of the transducer angle.
- ❑ Unique water flow control loop ensures the correct volume of water flow for coupling.
- ❑ Trouble-free upgrades where space may be limited. Tubes as short as 1 meter can be successfully tested. Use with existing instruments.
- ❑ Use with MAC's Echomac® 6/6A instrument for critical applications.

The Echomac® 25mm Ultrasonic Rotary is designed and manufactured by Magnetic Analysis Corp., a US based leader in supplying NDT instruments, systems and service for over 90 years.

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