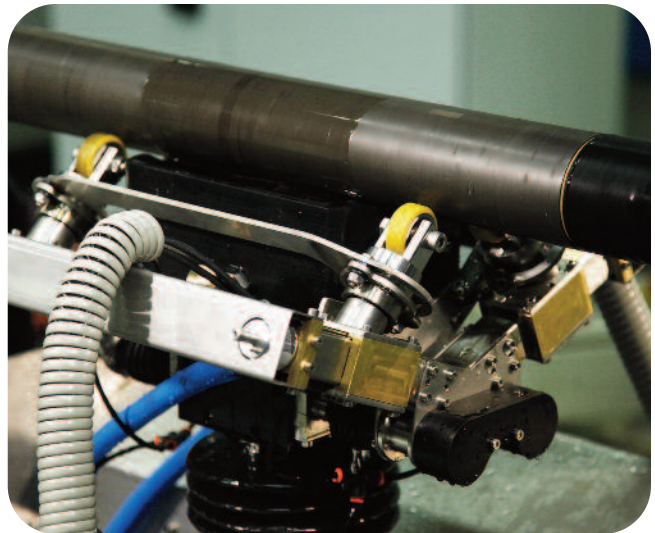


# UT Test for Spinning Tube

## Echomac® FD-5 Full Body and Tube End Tester Systems

*At the heart of MAC's new full body and tube end tester systems is the unique APC (Adaptive Pitch Control) transducer carrier which adjusts to the actual pitch as the tube is rotated during the test. The APC carrier with its simple immersion water tray follows even unstraight tube and reliably maintains constant coupling. Using these systems you can:*

- Inspect virtually any round metal product.
- Test a broad range of sizes from 50mm to 355mm (2" - 14") diameter.
- Easily handle changes in tube dimension with just one knob which adjusts the roll separation using the convenient diameter scale.
- Forget adjusting transducers for different tube diameters.
- Ensure the sound entry point and incident angles remain constant for any tube size.
- Install it into your test line, seamlessly, whether it's a new system or an upgrade of an older unit
- Use multiple UT element arrays and/or discrete elements, depending on test specifications.
- Detect ID & OD longitudinal and transverse notches down to 5% of the tube wall.
- Measure wall thickness.
- Fulfill API 5CT & 5L specifications.
- Use the familiar interface of the Echomac® FD-5 Electronics which provides the critical software for controlling the transducers and receiving, adjusting, analyzing and reporting the test results.



*APC Transducer Carrier*