

FLOOR-STANDING JET PROBE INSPECTION SYSTEMS

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The Midas NDT Systems floor standing jet probe inspection system is supplied to customers who have a requirement for general purpose production jet probe (squirter) inspection.



Inspection is by ultrasonic through transmission and pulse echo techniques using a computer selected scan pattern from the available axes (normally horizontal scan, vertical index). Data is acquired from standard Midas NDT Systems ultrasonic instrumentation packages.

A jet probe inspection system mimics immersion techniques by transmitting a sound wave from a transducer along a column of water and into the component. This style of system removes problems associated with the buoyancy of composite components and avoids the risk of water ingress.



Systems are generally used in through transmission (pitch/catch) mode with signals exiting the component along a secondary water column for collection and evaluation by a secondary transducer.

This style of system can also be modified for the inspection of tubes, bars and even aircraft radomes with the addition of simple testing fixtures.