

Contact Probe - Angle Beam

Refracting ultrasonic beams and generate shear or longitudinal waves to workpiece through a fix angle of delay line.

Features

- Ergonomic design, with durable cast housing
- Customizable any theoretical angles of ultrasound
- Probe face can be processed into different shapes to ensure good coupling with workpiece:
- AID(Axial Inside Diameter) CID(Circumferential Inside Diameter)
- AOD(Axial Outside Diameter) COD(Circumferential Outside Diameter)
- Three types of performance can meet the most of detection needs

“PL ” Universal Series:

Ideal for high sensitivity and penetration applications, less resolution and bandwidth required environments.

“PH ” Short Pulsing Series:

High damping and bandwidth, high SNR for high attenuation material detection, good resolution for precise thickness measurements and near surface detection environments.

“C ” Composite Series:

High penetration power and high SNR for coarse-grained, fiber-reinforced composite materials.

Applications

- For Welding Inspection
- Pipes, Pressure Vessels, Storage Tanks
- Turbine Blades
- Wheel Axles, Castings, Forgings
- Bond Testing
- Railway Wheels and Tracks

