

Wedge Integrated

Applications

- Power: Conventional Welding Inspection, Pressure Vessels, Pipelines, Rotor Inspection
- Petroleum: Pipelines, Tanks
- Aviation / Aerospace: Composites Delamination & Abhesion, Welding, Landing Gears Inspection
- Transportation: Composites Delamination & Abhesion, Planks
- Conventional: Large Area Scanning; Planks, Sticks, Pipelines Thickness Measurement

Features

- Electronic Controls Beam Angle, Focusing, and Scanning Step Size
- Fixed Angle & Focused Probes, Without the Need of Multiple Detections
- Can Detect Conventional Undetectable Areas
- Replaceable Two Types of Wedges - Flatted & Curved Surfaces



A36(Top)



A36(Side)



E19



A37.5

Specifications and Dimensions

Model	Frequency (MHz)	Elements	Pitch (mm)	Wedge Angle (°)	Active Aperture (mm)	Elevation (mm)	Casing Dimensions						Case Type
							Long (L)		Width (W)		Height (H)		
							mm	in	mm	in	mm	in	
5L12-0.5*6	5	12	0.5	36	6	6	18	0.71	13	0.51	19.7	0.78	A36(TOP)
10L12-0.5*6	10	12	0.5	36	6	6	18	0.71	13	0.51	19.7	0.78	
5L12-0.5*6	5	12	0.5	36	6	6	25	0.98	13	0.51	9.7	0.38	A36(SIDE)
10L12-0.5*6	10	12	0.5	36	6	6	25	0.98	13	0.51	9.7	0.38	
5L10-0.5*5	5	10	0.5	25	5	5	20	0.79	16	0.63	9	0.35	A25
5L12-0.5*6	5	12	0.5	40	6	6	25	0.98	15	0.59	9	0.35	A40
4L16-0.5*9	4	16	0.5	37.5	8	9	27	1.06	16.5	0.65	22	0.87	A37.5
2L8-1.0*9	2	8	1	37.5	8	9	27	1.06	16.5	0.65	22	0.87	
2L32-0.7*20	2	32	0.7	22.4	31	20	54	2.13	36	1.42	52	2.05	E19(N45S)
4L32-0.7*10	4	32	0.7	22.4	16	10	55	2.17	26	1.02	76	2.99	E19(N45L)