

Composite inspection probes

RotoArray



Applications

- Primarily for the inspection of composite materials and structures
- Flaw detection and thickness measurement in a wide range of materials
- Inspection during manufacture as well as for in service inspection

Features

- Excellent acoustic performance
- Use in any attitude including overhead
- Transparent tire for easy bubble removal
- Unique encoder
- 3 popular connector options
- Owner serviceable
- Platform for future models

Standard 0-59 mm width array

The compact 51.2 mm RotoArray is designed for quick and easy scanning of a variety of different applications. Its small design allows it to be used in tight locations and its light weight and ergonomic design keeps the operator from becoming fatigued during long periods of use.

Part number Phasor	Part number Hypertronics™	Part number Omniscan™	Coverage area (mm)	Frequency (MHz)	Pitch (mm)	Elements	Elevation (mm)	Focus	Cable (m)	Probe Offset (mm)
115-910-100	115-920-100	115-930-100	51.2	5	0.8	64	6.4	Flat	3.0	28.2
115-910-700	115-920-700	115-930-700	51.2	2.25	0.8	64	6.4	Flat	3.0	28.2

Standard 60-99 mm width array

The 81.3 mm RotoArray is currently our only standard offering in the 60-99 mm range. Its larger size makes it ideal for inspecting airframes and fuselages.

Part number Phasor	Part number Hypertronics™	Part number Omniscan™	Coverage area (mm)	Frequency (MHz)	Pitch (mm)	Elements	Elevation (mm)	Focus	Cable (m)	Probe Offset (mm)
115-910-200	115-920-200	115-930-200	81.3	5	1.3	64	8.0	Flat	3.0	28.2
115-910-750	115-920-750	115-930-750	81.3	2.25	1.3	64	8.0	Flat	3.0	28.2