

To complement our ultrasonic thickness meters, we offer a range of ultrasonic transducers. The performance of any ultrasonic thickness meter relies heavily on the transducer and its suitability to the material being measured. Therefore, selecting the right transducer is vital. All Cygnus SINGLE CRYSTAL transducers are made from stainless steel and include replaceable membranes for long life, requiring no zeroing and have a high linear accuracy.



Standard probe supplied

	S5A	S5C	S3C	S2C
	Ideal for: Small diameter pipes and boiler tubes/heat exchangers	Ideal for: Measuring wall thickness down to 1 mm (0.040 inch)	Ideal for: Measuring wall thickness down to 2mm/0.080in with corrosion through coatings	Ideal for: all round measurement of wall thickness with corrosion through coatings
Frequency	5 MHz	5 MHz	3.5 MHz	2.25 MHz
Tip Size	6mm (0.24 in)	13mm (0.5 in)	13mm (0.5 in)	13mm (0.5 in)
Range in Steel	1 - 50mm (0.040 - 2in)	1 - 50mm (0.040 - 2in)	2 - 150mm (0.080 - 6in)	3 - 250mm (0.120 - 10in)
Connectors	Lemo 00	BNC	BNC	BNC
Colour	Black Face	Black Band	Orange Band	Red Band

All probes need to be used with Ultrasonic Couplant when taking measurements (excl. underwater)