

HIGH FREQUENCY TRANSDUCERS



*Miniature high
frequency probe*

Ultrasonic High Frequency Transducers are used to detect and size very small defects (inclusions, porosities or delaminations) in raw materials, welds, integrated circuits, silicon assemblies, etc. They are also used as a part of Scanning Acoustic Microscopes (SAM).

SONAXIS High Frequency Transducers are based on a single crystal technology bonded to a very thin acoustic lens. This technology provides a very high level of sensitivity coupled with a broad band signal, without stray echoes.

Ultrasonic High Frequency Transducers are proposed in circular housings with different types of connectors SMA, microdot and miniature casing.

Standard features :

Frequency (MHz)	Aperture (mm)	Focal length (mm)
50	3 - 4	4 - 7 - 10 - 20
100	1 - 1.5 - 2	3 - 5 - 10
150	1	3
200	On request	On request
300		



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