

PIEZO-COMPOSITE IMMERSION TRANSDUCERS



*Piezo-composite
Immersion probe*

Single element ultrasound transducers are used to detect and size flaw in opaque material such as steel, ceramics, polymers, composite materials, concrete or welds.

The success of our transducers is drawn from the piezo-composite technology which provides a very high level of sensitivity along with a broad band signal. Piezo-composite technology also allows the manufacturing of focused probes without lenses, which gives them a better sensitivity and no stray echoes.

Piezo-composite transducers are proposed either in the immersion, contact or TOFD technique. They can be produced over very large frequency domains and large sizes.

Minimum features :

Frequency (MHz)	Minimum Size (mm)	Maximum Size (mm)	Mini. Focusing (mm)
0,25	10	100	40
0.5	10	100	25
1	5	100	25
2	3	100	10
5	1	100	5
7	1	50	5
10	1	30	3
15	1	20	3
20	1	15	3
25	1	10	3



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ISO 9001
 ISO 14001
 BUREAU VERITAS
 Certification

