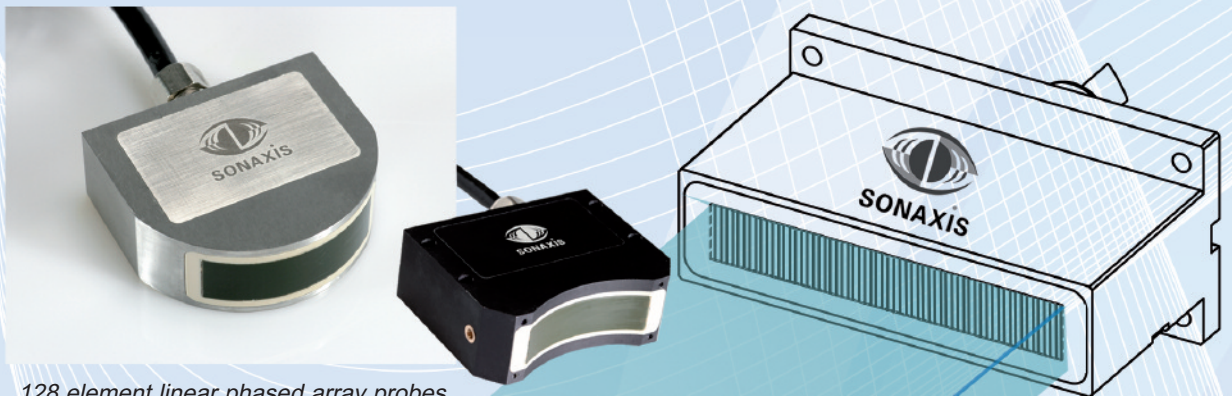


# Linear Phased Array Transducers



128 element linear phased array probes

- Ultrasonic Linear Phased Array Transducers are dedicated to flexible and high speed inspection of long products like: plates, tubes, bars, composite panels or welds.
- Using a single probe, it is possible for a large area to be scanned, with various focus distances and angles. Linear Phased Array technology can replace either mechanical scanning or a set of UT probes.
- Ultrasonic Linear Phased Array Transducers are available in the immersion or contact inspection technique. They are manufactured with the piezo-composite technology and can be plane, curved (convex or concave), or transversely focussed.
- These transducers can be provided with specific wedges, irrigation chambers, cables or adaptors and any accessory that may be needed for the industrial application.

Standard configurations are:

Frequency (MHz)	Minimum Pitch (mm)	Minimum Radius of curvature (mm)	Number of Elements
0,5	2,5	40	16 - 32 - 64 - 128 - 256 - <b>512</b>
1	1,0	25	16 - 32 - 64 - 128 - 256 - <b>512</b>
2	0,5	10	16 - 32 - 64 - 128 - 256 - <b>512</b>
3	0,5	10	16 - 32 - 64 - 128 - 256 - <b>512</b>
5	0,3	5	16 - 32 - 64 - 128 - 256 - <b>512</b>
7	0,3	5	16 - 32 - 64 - 128 - 256 - <b>512</b>
10	0,25	3	16 - 32 - 64 - 128 - <b>256 - 512</b>
15	<b>0,2</b>	3	16 - 32 - 64 - 128 - <b>256</b>
<b>20</b>	<b>0,2</b>	3	16 - 32 - 64 - 128 - <b>256</b>

**New**

ISO 9001 : 2008

BUREAU VERITAS  
Certification



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