

2.12 Twin Crystal Angled Compression Wave Transducers

TAC probes can be used on a wide range of materials. They offer improved resolution and signal-to-noise ratio when inspecting coarse-grained and attenuative materials due to the in-built focussing of the probes.

- Standard TAC probes are designed for use on carbon steel. If inspecting other materials please state this when placing an order.
- Other focal depths and frequencies available on request

Supplied with:

- Top entry Lemo 00 connectors
- Certificate of Individual Parameters (pre-contouring)



Range of TAC Probes

Product Code	Frequency MHz	Angle A°	Crystal Size (mm)	Probe Size L x W x H (mm)	Focal Depth (mm)	Connector
TAC F/A/25	2, 4	45, 60, 70	2 (6 x 13)	25 x 25 x 25	12	Lemo 00
TAC F/A/30			2 (8 x 15)	30 x 30 x 28	18	

Additional per probe, applies for non-standard:

- Angles, Frequencies and Focal depths
- Probes for other material velocities
- Contouring

- Probe dimensions supplied exclude connectors, gimbal pins and couplant nozzles
- Probe diameter measurements are to the widest point
- Contouring available per probe (please specify relative to beam direction)

- Conditions of sale are available upon request
- Certificate of Conformity supplied free of charge with all probes