




SOUND
TECHNOLOGY INC

From Idea to Image™



Sound Technology, Inc. (STI) was founded in 1987 to provide innovative and high quality transducer and probe products for the medical ultrasound industry. Located in State College, Pennsylvania, USA, our company's success and growth can be directly attributed to our employee and customer commitment as well as our dedication to the design, manufacture, and on-time delivery of our products and services. As a subsidiary of *Analogic Corporation*, **STI** is interested in developing and expanding strategic supplier relationships with "Original Equipment Manufacturers" (OEMs) of medical ultrasound equipment.

STI's industry-leading design and manufacturing processes, allow us to offer a complete portfolio of diagnostic medical ultrasound probes including micro-convex arrays, linear arrays, curved linear arrays, phased arrays, Doppler probes and single element transducers. As a new addition to **STI's** product line, a 3D endocavity probe, the first of a family of probes, is now available for initial customer evaluations.

Product offerings from **STI** cover a broad range of clinical applications including those used in radiology, cardiology, obstetrics, gynecology, surgery, ophthalmology and veterinary medicine. Throughout our 18 year company history, **STI** has consistently provided our customers with custom, technically superior transducer and probe products to meet demanding OEM and end-user requirements for these applications. During this time, we have also pioneered methods to successfully address the compromises between acoustic performance, manufacturability, and overall costs. This dedication has resulted in our respected reputation among the world's major manufacturers of medical ultrasound systems.

Sound Technology, Inc. capabilities include:

- **Conventional piezo-electric material selection and composite fabrication**
- **Acoustic and electrical performance analysis**
- **Complete mechanical and electrical CAD capabilities including SolidWorks®, AutoCAD® and Pro/Engineer®**
- **Systems interface engineering to ensure optimization of transducer performance with front end system electronics**
- **Automated manufacturing and testing equipment**
- **Dedicated in-house machine shop with four axis CNC capabilities**
- **Environmental testing of transducers and probes for design validation**
- **In-house plastic parts design and molding capabilities using soft cast resin and injection molding manufacturing techniques**

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For product, technology and tradeshow updates, please visit our website:

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STI's Quality Management System has demonstrated compliance with the requirements of ISO 9001 and ISO 13485. This compliance has been certified and registered with TÜV Product Services.