

High Intensity Focused Ultrasound (HIFU) Specialists

HIFU Transducers Advance Non-Invasive Surgery, Tissue Ablation Procedures And More

Piezo Technologies uses its extensive knowledge in piezo materials and processes to design and manufacture the most effective High Power Ultrasonic Transducers available.

Piezo Technologies provides semi-custom, modular, and pure custom ultrasonic transducer products for various HIFU applications. None of our transducers are off-the-shelf products. Each solution is designed for your specific application. Our vast database of past projects provides a base for developing many new products as semi-custom or modular devices. This reduces both cost and turnaround time, while still providing a unique product. We also specialize in developing pure custom devices. Our technical experts can discuss your application and recommend an ultrasonic transducer product that will satisfy your specific requirements. All of our finished products can be provided with unique components, such as specific cabling and adapters, at your request.

*Piezo Technologies is a world-leading provider
of HIFU materials and transducer technology*

- 30+ Years HIFU Experience
- R&D, Design and Testing All in House
- ISO-Certified Manufacturing
- Advanced High Drive Materials:
K320, K330, K340, Nova 3B



Transesophageal HIFU Probe



Extracorporeal Array



PDS 15487 REV 0506

PIEZO TECHNOLOGIES HEADQUARTERS

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HIFU Technology Has a Wide Range of Applications Beyond the Medical Industry

- Ultrasonic Cleaners
- Drop-on Demand Jetting
- Continuous Droplet Jetting
- Atomization of Liquids
- Nebulization of Liquids
- Particle Separation
- Cell Disruption
- Stirring
- Insonifying
- Underwater Projectors
- Descaling
- Many More...



Piezo Technologies Offers High Power Ultrasonic Transducers for Many Industries

- Medical/Healthcare
- Manufacturing
- Aerospace
- Petrochemical
- Chemical
- And More...



All in-house assembly with strict quality control and testing.



Our new, expanded facility allows for more collaboration between divisions, when required, and expanded production and assembly capacity and capabilities.



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