Most Popular Transducers

The **Sonopen** exhibits extremely good, high frequency, broad banded responses which are particularly suited to precision thickness gaging. The echo envelope normally exhibits 1-1.5 cycles. These transducers offer superior response when used with many of today's higher performance pulser-receiver combinations.

**Mini Potted Angle Beam Transducers** are very small and permit testing in highly confined areas, on small parts, and contoured surfaces and simplify access between closely-spaced fasteners. Having a narrow, restricted sound beam also facilitates more precise evaluation and mapping of flaws.

The Mini Angle Beam Transducer features an element and wedge which are permanently mounted in a compact aluminum case with the exclusive OPTI-GRIP surface for ease of handling.

**Quick Change Angle Beam Transducers and Wedges** are ideally suited for use where access is limited, on relatively thin materials, or for more precise flaw location and evaluation. The quick change feature is convenient when it is necessary to use different transducer frequencies and/or refracted angle wedges during an inspection or evaluation.

The Quick Change Angle Beam Transducer features smaller size circular elements, higher frequencies and a one-quarter wave impedance matching epoxy face. The wear resistant transducer label is also frequency color coded for easy identification. Quick Change models are available with Microdot connectors only.
Delay Line Contact Transducers have primary applications in precision thickness gaging and the near-surface, high-resolution flaw detection. Relatively smooth surfaces and fairly thin test objects are generally required for best results.

Protected Element Models are fitted with a threaded retaining wing, which retains any of the three protective faces in intimate contact with the transducer element. One type of protective face is a somewhat pliable polymeric membrane used to assist coupling to rough or uneven surfaces. The wear-cap face is a short, firm polymeric delay line that can be replaced after use on rough, abrasive surfaces, or where a contoured face is needed. A one-inch long heat-resistant delay line provides protection for the element in high temperature applications (intermittent use up to 600°F). All are readily interchangeable.

Other Transducer Products

Contact Transducers
Fingertip Contact, Standard Contact, Protected Element, Removable/Protected & Permanent Delay

Angle Beam Transducers
AWS Wedges, Quick Change, Mini Potted Angle Beam and Standard Angle Beam

Immersion Transducers
Pencil Style Case, Slim Style Case, C and F Style, D Style, and E Style (right angle element mounting, slip-on angle, or spherical and cylindrical)

General Purpose
Dual Element Transducers
Finger Tip Series and Rectangular Series

Nova Transducers
Precision, Bubbler and Pencil

Nova Series
Dual Element Transducers

Cables, Accessories Test Blocks and Custom Engineered Transducers

Custom Solutions
NDT Solutions, Inc. specializes in innovative designs and solutions to difficult NDT problems. Let our team of development experts build you a system customized to meet or exceed your expectations.

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