



**Focused Pencil Style
Acrylic Ultrasonic
Probe Holder**



**Focused Pencil Style
Delrin Ultrasonic
Probe Holder**



Focused Pencil Style Transducer



**Mini Potted
Angle Beam
Transducer**

**Quick Change
Angle Beam
Transducers
and Wedges**



Most Popular Transducers

Focused Pencil Style Transducers

- Exhibits extremely good, high frequency, broad banded responses which are particularly suited to precision thickness gaging.
- Offer superior response when used with many of today's higher performance pulser-receiver combinations.

Mini Potted Angle Beam Transducers

- Permit testing in highly confined areas, on small parts, and contoured surfaces and simplify access between closely-spaced fasteners.
- Has a narrow, restricted sound beam which facilitates more precise evaluation and mapping of flaws.
- 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

- 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.
- Features smaller size circular elements, higher frequencies and a one-quarter wave impedance matching epoxy face.
- Transducer label is frequency color coded for easy identification.
- Available with Microdot connectors only.



Delay Line Contact Transducers

- 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



- Fitted with a threaded retaining wing, which retains any of the three protective faces in intimate contact with the transducer element.
 - The protective face is a pliable polymeric membrane used to assist coupling to rough or uneven surfaces.
 - The wear-cap face is a firm polymeric delay line that can be replaced after use on rough, abrasive surfaces, or where a contoured face is needed.
- Heat-resistant delay line provides protection for the element in high temperature applications (intermittent use up to 600F).

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

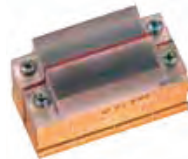
Pencil Style Case, Slim Style Case, C and F Style, D Style, and E Style (right angle element mounting, slip-on angle, or spherical and cylindrical)



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

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