

Contact Transducers

Single Element Contact Transducers are longitudinal wave transducers designed for general purpose manual ultrasonic inspection where test materials are relatively flat and smooth. Contact transducers provide high sensitivity for better penetration and are ruggedly constructed for extended service life under the roughest testing conditions.

K-PEN Replaceable Delay Line Pencil Probe

K-PEN's are high resolution pencil type probes. They are designed for applications requiring an extremely small contact area, such as tightly curved surfaces of turbine blades or remaining wall thickness measurements from a pit bottom. They can be used with most flaw detectors, precision thickness gauges, and general pulser / receiver units. Probes come with interchangeable delay tips that are tapered to a .065" and .090" contact diameter. Replacement delays are available in packs of 10. The straight model features a removable handle, which also allows it to be used as a fingertip probe. All models have Microdot connectors.



K-PEN Probes

Freq. (MHz)	PRODUCT CODES					
	Straight K-PEN	45° K-PEN	Right Angle K-PEN	.065" Tip Delay 10-PK	.090" Tip Delay 10-PK	6' BNC Cable
7.5	389-042-200	389-042-880	389-042-870	387-003-109	387-003-110	C-012
20.0	389-030-290	389-041-270	389-040-660			

ZIP Probes for Testing Composite and Other Attenuative Plastics

Zero Interface (ZIP) Probes are highly damped, low frequency delay line transducers designed for composite inspection. ZIP delay lines are acoustically matched to most composite and other plastic materials. This eliminates or minimizes the delay line interface echo, significantly improving near surface resolution. The low frequency characteristics of ZIPs make them excellent for penetrating thick or highly attenuative cross-sections. ZIPs can also be used on many smooth surfaced materials without couplant.



Zero Interface Probes (ZIP)

Freq. (MHz)	Size (in.)	PRODUCT CODES	PRODUCT CODES	
			Cables	Delay Line
0.45	1.00	560-130	6' BNC C-016	D-071
1.5	.500	560-131	6' BNC C-012	D-072
2.25	.375	560-132		D-073

