Select from Six Models

Corrosion Probes

Measures the wall thickness of materials such as steel, plastic, and more. Ideal for measuring the effects of corrosion or erosion on tanks, pipes, or any structure where access is limited to one side.

Cabled Probe — UTG C

- 5 MHz Dual Element transducer with cabled probe

Integral Probe — UTG CA

- 5 MHz Dual Element transducer with integral probe
- Same specifications and operation as the popular UTG C but with a convenient integral configuration —ideal for one-handed operation

UTG CA
for one-handed operation

Xtreme Probe — UTG CX

- 5 MHz Dual Element transducer with braided stainless steel cabled probe
- Durable cable and heavy-duty strain relief for demanding applications

Low Frequency Probe — UTG CLF

- 2.25 MHz Dual Element transducer with cabled probe
- Designed for measuring attenuative materials such as cast iron
- Proprietary algorithm distinguishes back wall reflections from grain noise (reflections) found in cast materials

UTG CLF
for cast materials

Multiple Echo Probe

Features Thru-Paint capability to quickly and accurately measure the metal thickness of a painted structure without having to remove the coating. Also ideal for measuring blasted materials and other applications requiring a more durable wear face.

Multiple Echo Probe — UTG M

- 5 MHz contact probe with wear resistant alumina probe tip and cabled probe
- Multiple-Echo technique averages 3 or more echoes for accurate and reliable readings
- Toggle between Single and Multiple-Echo modes
  - Multiple Echo mode eliminates coating thickness
  - Single Echo mode detects pits/flaws and increases measurement range

UTG M1
Standard model in memory mode

Precision Probe

Designed for high resolution measurements and thin materials including metals and plastics. Automatic Multi-Echo mode ensures the best accuracy on thin metals.

Precision Probe — UTG P

- 15 MHz Single Element Delay Line with cabled probe
- Field replaceable transducer
- Auto Single or Multiple-Echo mode depending on material and thickness
- Automatic probe tip temperature compensation
- Ideal for thru-paint applications to quickly and accurately measure the metal thickness of a painted structure without having to remove the coating

UTG P
for high resolution and thin materials

Ultrasonic Wall Thickness Probes

Application	Corrosion		Corrosion Xtreme	Low Frequency	Multiple Echo		Precision	
Model	UTG C	UTG CA	UTG CX	UTG CLF	UTG M		UTG P	
Probe Type	5 MHz Dual Element			2.25 MHz Dual Element	5 MHz Contact		15 MHz Single Element Delay Line	
Mode	Single Echo				Single Echo	Multiple Echo	Steel	Plastic
Measurement Range*	0.040" to 5.000" 1.00 to 125.00 mm				0.100" to 5.000" 2.50 to 125.00 mm	0.100" to 2.500" 2.50 to 60.00 mm	0.008" to 0.475" 0.2 to 12.0 mm	0.005" to 0.175" 0.125 to 4.500 mm
Thru-Paint Capability	No				Yes			
Resolution	0.001" 0.01 mm				0.001" 0.01 mm		0.0001" 0.002 mm	
Accuracy	± 0.001" ± 0.03 mm				± 0.001" ± 0.03 mm		± 0.0004" ± 0.01 mm	

** Measurement range is for carbon steel and depends upon surface condition, temperature, and material.*