

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.



UTG CA
for one-handed operation

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

Xtreme Probe — UTG CX

- 5 MHz Dual Element transducer with braided stainless steel cabled probe
- Same specifications and operation as the popular UTG C but with a 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 | | | 0.080" to 5.000" 2.00 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.