

# PosiTector® **UTG** Series

## Ultrasonic Thickness Gage

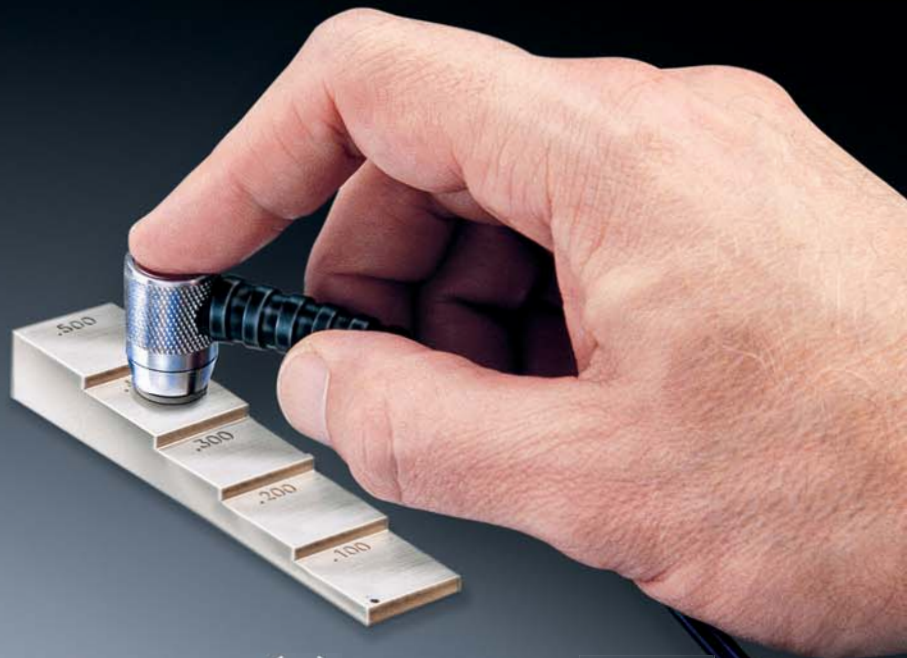


**UTG C3**  
Advanced model  
shown with  
Corrosion Probe

Measures the wall thickness of materials such as steel, plastic and more



**UTG M Thru-Paint** models measure the metal thickness of a painted structure without having to remove the coating.



**DeFelsko®**  
The Measure of Quality



Available on the  
App Store



# PosiTector® *UTG Series*

## All Gages Feature...

### Simple

- Pre-programmed velocities—simply select from a list of common materials or enter your own with ease
- **SmartCouple™** mode eliminates unintentional decoupling—ensures continuous measurements while measuring on scaled or pitted surfaces—ideal for analyzing large areas using multiple passes
- RESET feature instantly restores factory settings

### Durable

- Solvent, acid, oil, water and dust resistant—weatherproof
- Shock-absorbing, protective rubber holster with belt clip
- Two year warranty on body AND probe

### Accurate

- Precision transducers provide fast, accurate readings
- Certificate of Calibration showing traceability to NIST included
- Conforms to national and international standards including ASTM E797
- Built-in temperature compensation ensures measurement accuracy

### Versatile

- PosiTector body accepts all PosiTector probes easily converting from a wall thickness gage to a coating thickness gage, surface profile gage or dew point meter
- Uses alkaline or rechargeable batteries (built-in charger)

### Powerful

- Min Scan mode—measurement rate of up to 20 readings/sec with onscreen min/max for quick inspection over a large area
- Continually displays average, standard deviation and min/max thickness
- Screen Capture—record and save screen images into USB flash memory for record keeping and review
- USB port for connection to a Mac/PC and to supply continuous power
- PosiSoft USB Drive— stored readings, graphs and screen captures can be accessed using universal PC/Mac web browsers or file explorers. *No software required.*
- Includes PosiSoft Suite of solutions for analyzing and reporting data

Probe Style	UTG C Corrosion Probe	UTG M Multiple Echo Probe	
Standard Model	UTG C1	UTG M1	
Advanced Model	UTG C3	UTG M3	
Probe Type	5 MHz Dual Element	5 MHz Contact	
Mode	Single Echo	Single Echo	Multiple Echo
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
Thru-Paint Capability	no	no	yes
Resolution	0.001" 0.01 mm	0.001" 0.01 mm	
Accuracy	+/- 0.001" +/- 0.03 mm	+/- 0.001" +/- 0.03 mm	

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

## Select Standard or Advanced Features

### Standard Models

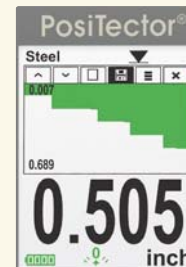
*Includes ALL features as shown on left plus...*

- Backlit monochrome display with transfective technology
- Storage of 250 readings

### Advanced Models

*Includes ALL features as shown on left plus...*

- High Contrast reversible color LCD
- Storage of 100,000 readings in up to 1,000 batches
- A-Scan with adjustable Gain and screen capture
- B-Scan—displays a cross sectional profile of the test material
- Real-time graphing, picture prompting and batch notes
- Onscreen Batch Annotation—add notes, change batch names and more with built-in QWERTY keyboard
- WiFi technology wirelessly communicates with PosiSoft, downloads software updates and connects with mobile devices for expanded functionality
- **Bluetooth®** Wireless Technology for data transfer to a computer or optional portable printer



**B- Scan**

*For a complete comparison of the Standard and Advanced features visit [www.defelsko.com/UTG](http://www.defelsko.com/UTG)*

## Select from 2 Probe Styles

### UTG C – Corrosion Probe

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.

- 5 MHz dual element transducer with durable PEEK probe tip
- Automatic V-Path compensation for thin materials

### UTG M – Multiple-Echo Probe

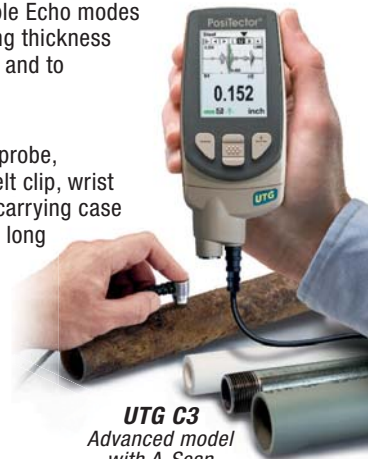
Features Thru-Paint capability to quickly and accurately measure the metal thickness of a painted structure without having to remove the coating. Also ideal for measuring applications requiring a more durable wear face.

- 5 MHz contact probe with wear resistant alumina probe tip
- Multiple-Echo technique averages 3 or more echoes for accurate and reliable readings
- Toggle easily between Single and Multiple Echo modes
  - Multiple Echo mode to eliminate coating thickness
  - Single Echo mode to detect pits/flaws, and to increase measurement range

**All gages come complete** with body and probe, ultrasonic gel, protective rubber holster, belt clip, wrist strap, 3 AAA batteries, instructions, nylon carrying case with shoulder strap, protective lens shield, long form Certificate of Calibration traceable to NIST, USB cable, PosiSoft.net account, two year warranty on body and probe

**Size:** 146 x 61 x 28 mm (5.75" x 2.4" x 1.1")

**Weight:** 140 g (4.9 oz.) without batteries  
Conforms to ASTM E797



**UTG C3**  
Advanced model  
with A-Scan