PosiTector® *UTG* Series
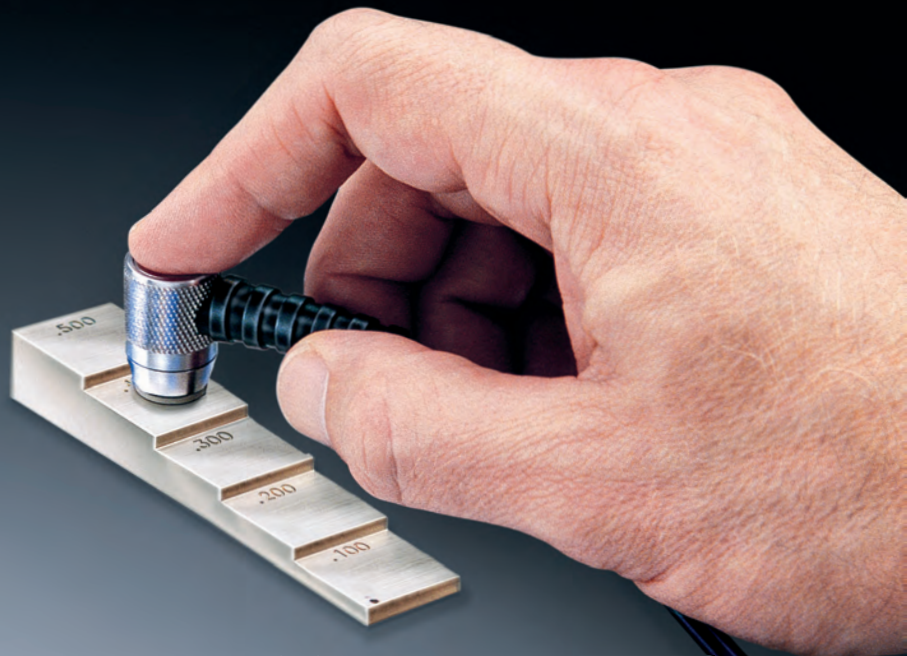## *Ultrasonic Thickness Gage*

Steel ▼

0.400

□□□□ ⌄0⌄ **inch**

UTG

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

PosiTector®
Steel
3.86
mm

UTG

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

.500
.300
.200
.100

DeFelsko®
The Measure of Quality

WiFi

Available on the
App Store

PosiTector® *UTG* Series

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

Select Standard or Advanced Features
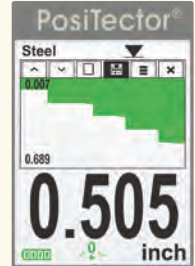
Standard Models

Includes ALL features as shown on left plus...
- High Contrast reversible color LCD
- 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

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
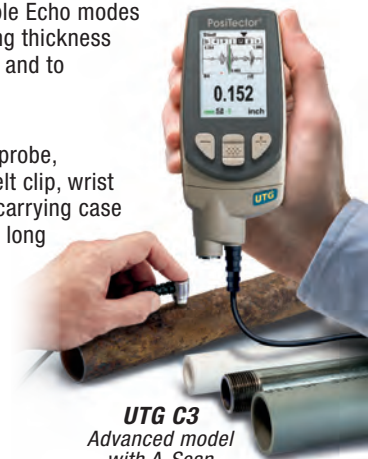
UTG M – Multiple-Echo Probe
Features Thru-Paint capability to quickly and accurately measure the metal thickness of a painted structure without having to remove the coating. Also ideal for measuring applications requiring a more durable wear face.
- 5 MHz contact probe with wear resistant alumina probe 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

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.
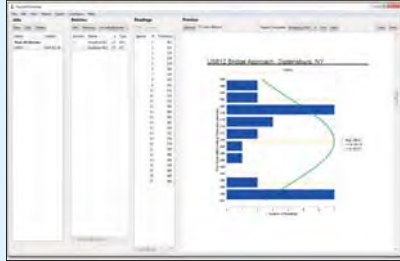
PosiSoft® Suite of Software

3 FREE ways to view and report your data

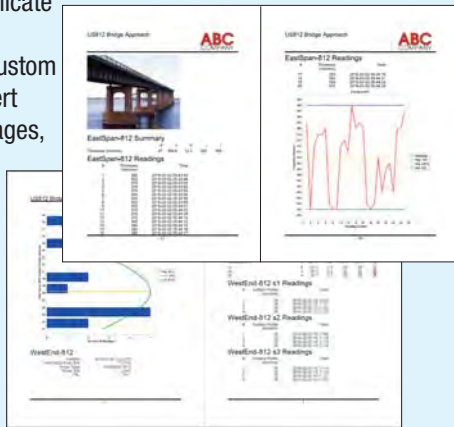### PosiSoft Desktop Software (v 4)

Powerful desktop software (PC/Mac) for downloading, viewing, printing and storing measurement data. Includes customizable, templated PDF Report Generator. No internet connection required.

- Import readings directly from the gage via USB
- **Jobs** feature consolidates and organizes batches and reports
- Export all data, settings and templates for backup and sharing

Generate Custom, Professional PDF Reports

- Include inspection information such as on-site pictures, screen captures, notes and more to communicate important details
- Create and save multiple custom layouts as templates – insert cover pages, add logos/images, and select font and point size
- Select the information to include for each product type – charts, histograms, readings, time stamps and more
- Compile multi-batch reports from one or more instrument types

PosiSoft.net

A web-based application offering secure centralized management of readings. Access your data from any web-connected device.
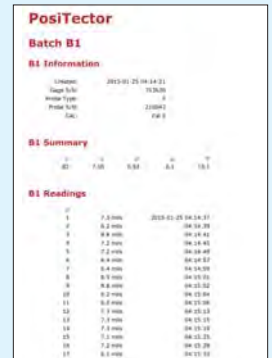
- Synchronize measurement data when connected via USB, Bluetooth or WiFi wireless technology
- Securely store measurement data in the cloud and share with authorized users via a secure login
- Generate reports with graphs, annotations and images

PosiSoft USB Drive

A simple interface to retrieve data from your gage in a manner similar to a USB flash drive. No software required.

- Measurement data can be printed quickly from an HTML report or exported in .CSV format for further analysis in *Excel*

Learn more at www.DeFelsko.com/PosiSoft

	PosiSoft Desktop	PosiSoft.net	PosiSoft USB Drive
Generate basic, pre-formatted reports	◆	◆	◆
Generate professional PDF reports with custom formatting. Add pictures, logos, screen captures, notes and more.	◆	◆	
Export to .CSV (comma separated values)	◆	◆	◆
View and print readings stored on a PosiTector/PosiTest AT-A	◆	◆	◆
Add photos and notes to reading data	◆	◆	
Software installation required	◆		
Internet connection required		◆	
Default download location for batches and readings	**Hard Drive**	**Cloud**	**Gage**
Multi-language support: English, Spanish, German, French, Chinese and Korean	◆	◆	◆*
PC/Mac compatible	◆	◆	◆
FREE	◆	◆	◆
Compatible with all current **PosiTector** *6000/200/SPG/RTR/DPM/UTG* and **PosiTest** *AT series*	◆	◆	◆†

*PosiSoft USB Drive supports all 15 languages supported by the PosiTector gage. † PosiTest AT-M is not supported by PosiTector USB Drive