

Order Code	Description
☐ UTGP1	PosiTector Standard with UTG P Probe
☐ UTGP3	PosiTector Advanced with UTG P Probe

PosiTector[®] *UTG* Ultrasonic Thickness Gage

Compare PosiTector Gage Bodies

Features	Standard	Advanced
Large 2.8" impact resistant color touchscreen with redesigned keypad for quick menu navigation	●	
HiLo alarm—Audibly and visibly alerts when measurements exceed your specified limits	●	●
Min Scan mode—take continuous readings and record min/max thicknesses—ideal for quick inspection over a large area	●	●
A Scan—with adjustable Gain and screen capture for further analysis and documentation		●
B Scan—displays a cross sectional profile of the test material		●
Live graphing of measurement data		●
Touchscreen keyboard for quickly renaming batches, adding notes, and more		●
Prompted Batch Mode—create pre-defined batches with on-screen text and image prompts for each reading		●
Statistics Mode—Instantly calculate average, standard deviation, min/max thickness and number of readings while measuring	●	●
Two year warranty on body AND probe	●	●
Reading Storage Capacity	1,000 per probe	250,000 in up to 1,000 batches
Connection Options		
USB port for fast, simple connection to a PC and to supply continuous power. USB cable included.	●	●
WiFi technology wirelessly synchronizes with PosiSoft.net and downloads software updates		●
Bluetooth 4.0 Technology for data transfer to a mobile device running the PosiTector App or optional portable printer. BLE API available for integration into third-party software.		●



PosiTector UTG P

Removable Cabled Probe	Probe Model UTG P	
	Probe Type:	15 MHz Single Element Delay Line
	Thru-Paint Capability:	Yes
	*Measurement Range - Steel	0.008" to 0.475" 0.2 mm to 12.0 mm
	*Measurement Range - Plastic	0.005" to 0.165" 0.125 mm to 4.500 mm
	Resolution:	0.001" 0.01 mm
	*Accuracy:	±0.0004" ±0.01 mm
*Measurement range is for carbon steel and depends upon surface condition, temperature, and material.		

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

- 15 MHz Single Element Delay Line with cabled probe
- Field replaceable transducer
- Auto Single and Multiple Echo mode depending on material and thickness

All Gages Feature...



Simple

- Pre-programmed velocities—simply select from a list of common materials or enter a custom value with ease
- SmartCouple™ mode eliminates unintentional decoupling—ensures continuous measurements on scaled or pitted surfaces—ideal for analyzing large areas using multiple passes
- Large 2.8" impact resistant color touchscreen with redesigned keypad for quick menu
- On-gage help explains menu items at the touch of a button
- RESET feature instantly restores factory settings



Durable

- Weatherproof, dustproof, and water-resistant—IP65-rated enclosure
- Ergonomic design with durable rubberized grip
- Shock-absorbing protective rubber holster for added impact resistance
- Two year warranty on gage body AND probe



Accurate

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



Versatile

- Selectable display languages
- Auto rotating display with Flip Lock

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Powerful

- Min Scan mode—take continuous readings and record min/max thicknesses—ideal for quick inspection over a large area
- Continually displays/updates average, standard deviation, min/max, and number of readings while measuring
- Screen Capture—save 100 screen images for record keeping and review
- Instant-on feature quickly powers up the gage if recently powered down
- Up to 30% longer battery life
- USB port for fast, simple connection to a PC and to supply continuous power. USB cable included.
- Every stored measurement is date and time stamped
- Includes PosiSoft suite of software for viewing and reporting data (see page 3) for a complete overview of these options.



Advanced Models Feature A-Scan & B-Scan

A-Scan with adjustable Gain and screen capture. UTG M and UTG P probes include dual cursors to measure the distance between echoes.

B-Scan—displays a cross sectional profile of the test material (shown on left)



Award Winning Compatibility!

PosiTector body accepts all PosiTector *UTG, 6000, 200, RTR, SPG, DPM, SST, and SHD* probes easily converting from an ultrasonic wall thickness gage to a coating thickness gage, dew point meter, surface profile gage, soluble salt tester, or hardness tester.



Comes complete with PosiTector gage body, UTG P probe, couplant (ultrasonic gel), protective rubber holster, wrist strap, 3 AAA alkaline batteries, instructions, protective lens shield, hard case, Long Form Certificate of Calibration traceable to NIST or PTB, USB cable, PosiSoft Software, two (2) year warranty.

***SIZE:** 127 x 66 x 25.4 mm (5" x 2.6" x 1")

***BODY WEIGHT:** 137 g (4.9 oz.) without batteries

CONFORMS TO: ASTM E797

*Size and weight are for the PosiTector gage body only and do not include the probe.

PosiSoft® Suite of Software

Powerful ways to view and report your PosiTector and PosiTest data

PosiSoft Desktop — PC/Mac

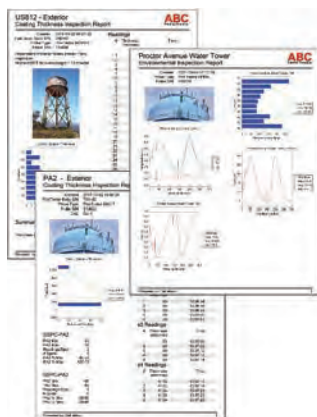
Powerful desktop software for downloading, archiving, and reporting measurement data.

- Import readings directly from the gage via USB, WiFi, or legacy PosiSoft Desktop versions
- **Jobs feature** consolidates batches into groups to keep measurement data organized and to quickly create multi-batch reports
- Fully integrates with PosiSoft.net—backup and synchronize jobs, batches, readings, and report templates to the cloud (see inset at right)
- Export readings as .csv (comma separated value) files for easy import into Excel and other spreadsheets



Professional, Custom Reports

- Compile single or multi-batch reports from multiple probes and instrument types
- Add pictures, screen captures, notes, and more with an onscreen live preview
- Instantly create professional reports from pre-formatted report templates
- Design custom layouts and templates—add custom cover pages and logos, and choose to display charts, histograms, and/or individual readings
- Drag-and-drop Custom Fields mode—import PDF forms and overlay fields to automatically populate inspection data



Prompted Batch Mode

Create pre-defined batches with onscreen text and image prompts for each reading and upload to PosiTector 6000, 200, and UTG gages (*Advanced models only*).

- Ideal for ensuring a consistent measurement pattern for repetitive jobs or when specific measurement locations are required

PosiTector App — iOS/Android

Fully-featured mobile app that connects to the PosiTector SmartLink, PosiTector Advanced gages, and the PosiTest AT-A.

- Auto pairing Bluetooth BLE connection
- Add images and notes to individual readings or batches directly from your device
- Email readings as .csv (comma separated value) files for easy import to Excel and other spreadsheets.
- Synchronize readings with PosiSoft.net—backup and synchronize jobs, batches, and readings to the cloud (see inset below)



Mobile Reporting Solution

- Compile single or multi-batch reports from multiple probes and instrument types
- Add pictures, screen captures, notes, and more
- Email pre-formatted or custom reports from your device instantly



PosiSoft.net

Secure storage of measurement data in the cloud.

compatible with **PosiSoft Desktop** and **PosiTector App**

- Upload measurement data directly from WiFi-connected PosiTector Advanced gages from anywhere in the world—no software required
- Synchronize and share measurement data across multiple computers

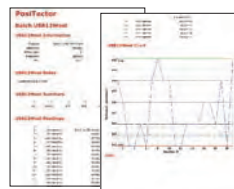
Ideal for...

- Users with multiple computers, instruments, and office locations
- Inspection companies managing data from multiple inspectors
- Login from PosiSoft Desktop to synchronize all measurement data and stored report templates from your account



PosiSoft.net Web Viewer Review measurement data and print simple, pre-formatted PDF reports from any web browser—no software installation required.

PosiSoft USB Drive — Gage based



A simple gage interface to retrieve data in a manner similar to USB flash drives or cameras. No software to install or internet connection required. Measurement data can be printed quickly from a formatted HTML report or exported in .csv format for further analysis in spreadsheets.

PosiTector Developer Resources

•Bluetooth 4.0 •WiFi •Keyboard Mode •USB Serial

PosiTector and PosiTest AT-A instruments can integrate with third-party software, drones, ROVs, PLCs, and robotic devices using several industry-standard communication protocols including: Bluetooth 4.0, WiFi, Keyboard mode, and USB serial.

