

PosiTector® Ultrasonic Thickness Gage

Simplicity

- Large easy-to-read, graphics LCD with multilingual support
- Two-button menu driven user interface
- Pre-programmed velocities – simply select from a list of common materials or enter your own with ease
- Quick operating instructions on back of each instrument

Durability

- Sturdy/compact design is acid, oil, water and dust resistant
- Wear resistant probe tip
- Rugged carrying case
- Two (2) year limited warranty

Accuracy

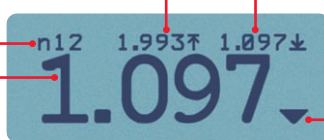
- Sensitive dual element transducer – provides fast, accurate readings
- Certificate of Calibration showing traceability to NIST included with every gage
- Automatic V-Path Compensation for thin materials

Versatility

- Inch/mm switchable
- Single or two point adjustment
- HiLo Alarm – audibly and visibly alerts when measurements exceed operator selected limits
- Internal Memory – stores up to 250 readings
- Backglow Display – on/off switchable for dark environments
- Flip Display – enables right-side-up viewing whether the gage is in your hand or on a work table
- Scan Mode – measurement rate of 20 readings per second with on-screen max and min for quick inspection over a large area

Example of Scan Mode Display

Number of readings
Large, easy-to-read measurement characters

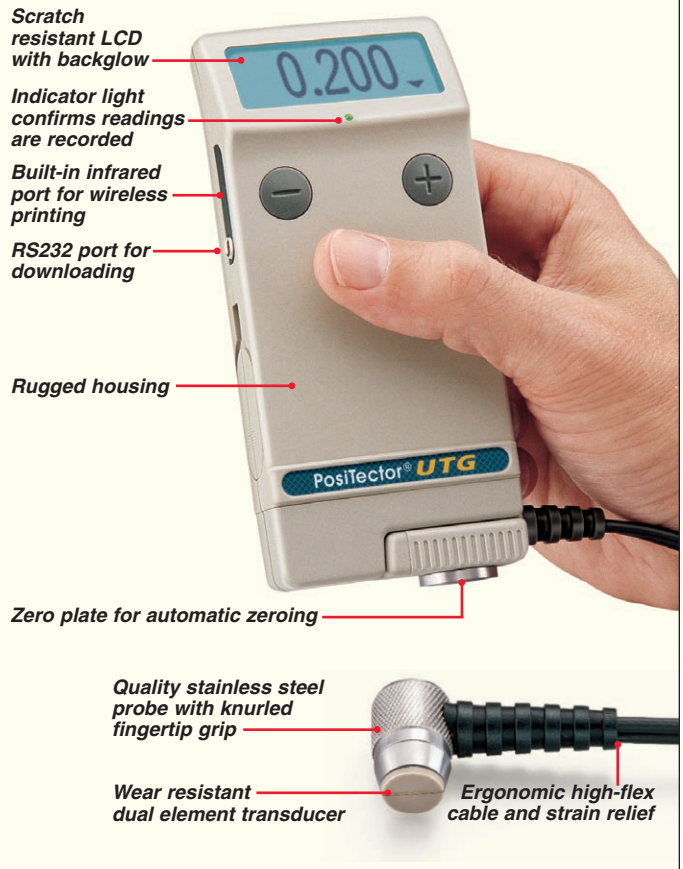


Max and Min values updated as the surface is scanned

Indicates probe is properly coupled to the surface

Options

- Calibration Test Block (shown on front) – to fulfill both ISO and in-house quality control requirements
- PosiSoft® for Windows® analysis software
 - Allows entry of notes and annotations
 - Prints and displays basic Charts and Histograms
 - Exports to a document or spreadsheet
 - Includes serial cable for printer or computer hook-up
- Low cost, battery operated infrared printer receives data from the instrument without connectors or cables



Specifications

Measurement Range*	0.040 to 5.000 in.	1.00 to 125.00 mm
Resolution	0.001 in.	0.01 mm
Accuracy	±0.001 in.	±0.01 mm
Velocity Range	0.0492 to 0.393 in/μs	1250 to 10,000 m/s
Measurement Rate	Normal	6 readings/second
	Scan	20 readings/second

* 5MHz 1/4" dual element transducer. Measurement range is for carbon steel and depends upon surface condition, temperature and material.

GAGE COMES COMPLETE with 5 MHz transducer, 2AA batteries, instructions, couplant, durable carrying case, built-in IR port for printing to wireless IR printer, Certificate of Calibration, two year limited warranty.



Body: 147 x 61 x 25 mm (5.8" x 2.4" x 1")
Weight: 170 g (6 oz) without batteries
Conforms to ASTM E797