

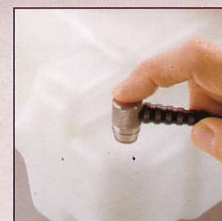
Ultrasonic Thickness Gage

PosiTector® **UTG**

Measures the wall thickness of materials such as steel, cast iron, 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.

NEW



DeFelsko®
The Measure of Quality

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

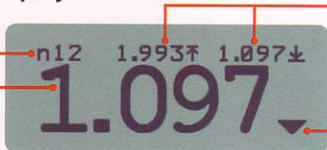
Versatility

- 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

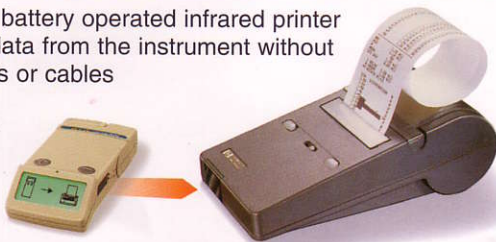


Max and Min values updated as the surface is scanned

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

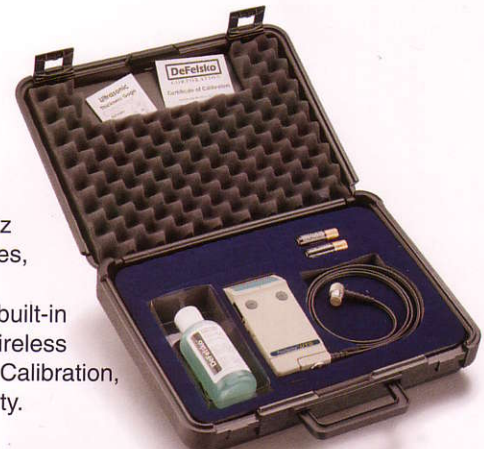


Specifications

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