

3812 Ultrasonic Thickness Tester

State-of-the-Art Ultrasonic Gage

The Starrett 3812 Ultrasonic Thickness Tester is a state-of-the-art digital ultrasonic thickness gage packed with features typically found only on high end models.

It measures the thickness of metallic and non-metallic materials such as steel, aluminum, titanium, plastics, ceramics, glass and any other good ultrasonic wave conductor that has parallel top and bottom surfaces.

This dynamic ultrasonic thickness gage accurately displays readings in either inch or millimeter units after a simple calibration to a known thickness or sound velocity.

Features & Specifications

- 4 digit LCD display with back light
- Upper/Lower limit preset alarm
- Measurement and scanning capabilities
- Adjustable sound velocity
- Extended memory
- 20 memory groups (100 files/group)
- Minimum display unit: 0.001" (0.01mm) selectable
- 0.040-12.0" measuring range (in steel with standard probe)
- 3280-32805ft/s (1000-9999m/s) sound velocity range
- 32-122°F operating temperature
- 5MHz Frequency
- 4Hz update range
- USB output
- Power supply: Two 3V AA alkaline batteries with approximately 100 hours of life (with the backlight off)
- Power consumption: Working current is less than 3V
- Accuracy: $\pm (0.5\% \text{ thickness} + .001")$
- Dimensions: 5.90" x 2.91" x 1.30" (150 x 74 x 33mm)
- Weight: 8.6oz (245g)
- Includes tester and cables, software, USB cable, couplant gel and a rugged, form fit carrying case



3812 Ultrasonic Thickness Tester & Accessories

Description	Cat. No.	EDP
3812 Ultrasonic Thickness Gage, software, USB cable, couplant gel and carry case	3812	67668