

QTG Series Ultrasonic Thickness Gauges

QTG Series Digital Ultrasonic Thickness Gauges are economical, user-friendly, menu driven, and multi-functional units offering extensive features from basic measurements (model: QTG I) to extended memory (5000 reading storage) and USB output capabilities (model QTG II).

The QTG I Ultrasonic Thickness Gauge is the new and improved basic read-out unit with automatic probe recognition, automatic zeroing, larger and more easily readable LCD. The instrument can measure with very high resolution (0.01 mm or 0.001 inches) the thickness of metallic and non-metallic materials such as steel, aluminum, titanium, plastics, ceramics, glass and any other good ultrasonic wave conductor. The QTG I accurately displays readings in either inches or millimeters.



The QTG II digital Ultrasonic Thickness Tester is a menu-driven, fully functional unit offering everything from the basic measurement to extended memory (5000 readings storage) and USB output capabilities. This dynamic gauge is designed to measure the thickness of metallic and non-metallic materials such as steel, aluminum, titanium, plastics, ceramics, glass and any other good ultrasonic wave conductor as long as it has parallel top and bottom surfaces. The QTG II is a quite versatile model which can be easily equipped with any of the low & high frequency probes as well as a high temperature probe.

Standard Configuration

- Main Unit
- Standard 5 MHz Probe
- Calibration Block
- Batteries (2XAAA)
- Coupling Agent
- Operation Manual
- Certificate
- Carrying Case
- One Year Warranty



Technical Specification

- Display type: 4-digit LCD
- Display resolution: 0.001 inches or 0.01mm
- Measuring range: 0.040 to 15.75 inches (1 to 400mm) in steel
- Memory Capacity (QTG II) : 5000 readings
- Automatic recognition of probes with different frequencies
- Automatic zeroing of the unit
- Enlarged LCD (128 x 64 mm) with back light
- Sound velocity range: 3280-32800 ft/s (1000-9999 m/s)
- Operating temperature: 32°F to 122°F (0°C to 50°C)
- Output (QTG II) : USB communication with software
- Power supply: two AAA batteries
- Battery life: approx. 250 hours with one battery set
- Dimensions: 4-5/8 x 2-3/8 x 1-1/8 inches
- Weight: 7.7 oz (219 g) with batteries



QTG I – standard



QTG II - With Memory