

## Touchstone 1 Ultrasonic Thickness Gauge



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The **Touchstone 1** is a high performance, low cost, simple to use handheld thickness gauge, often called an ultrasonic thickness gage in the USA, or an ultrasonic wall thickness gauge. It is suitable for use in a variety of applications in NDT ( non destructive testing ) and is capable of measuring most engineering materials including plastic, glass, copper, cast iron and aluminium as well as a wide range of steels.

The **Touchstone 1** is widely used in ultrasonic thickness testing in quality control during manufacturing and as an inspection tool to measure remaining wall thickness of materials subject to erosion and corrosion.

### The complete **Touchstone 1** kit includes:

- **Touchstone 1** thickness gauge
- Embedded stainless 5mm calibration block
- Sensor: 5 MHz ultrasonic thickness
- Couplant: 125ml / 4 fl.oz bottle of
- Battery: 1 x 9v PP3 plus one spare
- Carry Case: 220 x 200 x 80mm
- Shipping weight 750 grams



Touchstone 1 in its carry case



Touchstone 1 in use

### **Touchstone 1** Features

- 0-999metres/sec velocity adjustment
- Simple calibration and operation
- Thickness range of 1.0 to 199.9mm
- Accuracy of +/- 0.1mm
- 12.5mm high LCD screen
- Back light auto shut off after 3 minutes
- Robust and waterproof to IP66
- Resolution of 0.1mm / 4 thou

### **Touchstone 1** Specifications

- Weight: 250g / 8.8 oz
- Dimensions: 132 x 82 x 33mm
- Power Supply: 1 x 9v PP3 battery
- 40 hours of operation

