

TOUCHSTONE 1 Ultrasonic Thickness Gauge



The Touchstone 1 is a high performance, low cost, simple to use handheld thickness gauge and 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 wall thickness gauge is simple to calibrate and operate; and produces accurate and reproducible results. The Touchstone 1 is widely used in ultrasonic thickness testing in quality control during marine maintenance, manufacturing and as an inspection tool to measure remaining wall thickness of materials subject to erosion and corrosion.

TOUCHSTONE 1 APPLICATIONS

- Marine
- Pipelines
- Bridges
- Road tankers
- Lighting columns
- Offshore
- Storage tanks



TOUCHSTONE 1 TECHNICAL SPECIFICATIONS

- Thickness range: 1.0 to 500mm dependent on variably conditions
- Resolution: 0.1mm
- Accuracy: ± 0.1 mm
- Velocity Adjustment: 0 to 999metres/sec
- Display: 12.5mm high LCD screen
- Features: back light auto shut off after 3 minutes in robust casing waterproof to IP66
- Sensor: Dual 5 MHz ultrasonic
- Unit Dimensions: 132 x 82 x 33mm
- Unit Weight: 250g
- Temperature Range: -10°C to $+50^{\circ}\text{C}$
- Power Supply: 1 x 9v PP3 battery
- Battery Life: 40 hours nominal with a PP3 alkaline battery
- Carry Case Dimensions: 220 x 200 x 80mm
- Operational Weight: 300g
- Shipping weight: 900g
- ISO 9001:2015 Certificate Number GB13487
- (IIMS) Corporate Membership C508
- (NCAGE) Code U0B22
- NATO Stock Number 6635-99-4633
- 125ml Couplant included
- Designed and manufactured in the UK

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