

## 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 199.9mm
- Resolution: 0.1mm
- Accuracy:  $\pm 0.1$ mm
- Velocity Adjustment: 0 to 999 metres/sec
- Display: 12.5mm high LCD screen
- Features: back light auto shut off after 3 minutes in robust casing waterproof to IP66
- Sensor: 5 MHz ultrasonic thickness
- Unit Dimensions: 132 x 82 x 33mm
- Unit Weight: 250g
- Temperature Range:  $-10^{\circ}\text{C}$  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

## Class Instrumentation Ltd

London, United Kingdom  
Telephone: +44 (0)20 8333 2288  
info@classltd.com  
www.classltd.com



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