

Touchstone 2

Coating Thickness Gauge

**CLASS INSTRUMENTATION LTD**

837 Garratt Lane
London
SW17 0PG
United Kingdom

T +44 (0)20 8333 2288
F +44 (0)20 8944 0141
info@classltd.com
www.classltd.com

ABS Manufacturing Assessment Certificate Number 06-LD750707-X
ISO 9001:2008 Certificate Number GB13487
IIMS Corporate Membership Number C508
NCAGE Number U0B22



Touchstone 2 Coating Gauge



The **Touchstone 2** coating thickness gauge is easy to use and requires no couplant, it will work on rough surfaces in any condition.

This coating gauge uses the magnetic properties of the substrate material to determine the coating thickness i.e. the distance the sensor face is held off the steel by the coating. The **Touchstone 2** Hall effect sensor will measure a wide range of non-magnetic coatings on ferrous substrates including; paint, plastic stainless steel, galvanised zinc, aluminium and tin.

The complete **Touchstone 2** kit includes:

- Touchstone 2 coating gauge
- Steel block for Zeroing the sensor
- Sensor: Hall effect
- User manual
- Battery: 1 x 9v PP3 6F22 plus one spare
- Carry Case: 220 x 200 x 80mm
- Shipping weight 800g



Touchstone 2 Specification:

Coating range:	0–8mm, 0–0.313 inches
Applications:	Any non-ferrous coating on a ferrous material.
Temperature range:	-10°C to +40°C
Resolution:	10 microns
Accuracy:	±10microns up to 1mm then 1.5%
Display:	12.5mm high 3½ LCD Display with micron/thou and low battery indicator.
Auto shut off:	After 3 minutes inactivity.
Units of Measurement:	Switchable between microns and thousandths of an inch
Battery life:	40 hours nominal with a PP3 6F22: 9volt alkaline battery
Dimensions:	145mm high x 80mm wide x 40mm deep (max.)
Operational weight:	150g

Touchstone 2 Features:

- Highly accurate hall effect sensor
- Measures any non-ferrous coating
- Measures up to **8mm** of coating
- Simple calibration and operation



Touchstone 2 Applications

- Shipping
- Civil engineering
- Petro-chemical
- Offshore
- Automotive
- Research