

# Touchstone 2

## Coating Thickness Gauge

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## 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:

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