

elcometer **204 Steel Ultrasonic Thickness Gauge**



The Elcometer 204 Steel Ultrasonic Thickness gauge is a handheld gauge providing fast and accurate measurements of the thickness of steel. The principal advantage of ultrasonic measurement over traditional methods is that ultrasonic measurements can be performed with access to only one side of the material being measured.

The Elcometer 204 is pre-calibrated for ease of use and the gauge can be "zeroed" to ensure accuracy. It is capable of measuring the thickness of material such as steel plate with repeatable accuracy.

Battery powered, the Elcometer 204 features an easy read backlit screen making it ideal for use in low light areas. Supplied with everything required to start measuring as soon as the gauge is received, the Elcometer 204 provides an ideal, low cost solution for measuring thickness of steel.

At a glance

- Low cost and easy to use:
 - Provided with everything required to use straight from the box.
- Ready to use:
 - Supplied complete with transducer and gel
- Probe Zero:
 - "Zeroing" the gauge ensures correct measurements.

Technical Specifications

Range	0.63mm to 199.99mm
Resolution	0.01mm
Accuracy	±2% of reading or ±0.5mm, depending on material and conditions
Weight	295g including batteries
Size	63.5 x 120.6 x 31.5mm
Operating temperature	-30°C to 50°C depending on climatic conditions
Case	Extruded aluminium body, Nickel plated aluminium end caps
Battery life*	200 hours continuous (alkaline dry batteries)
Battery type	2 x LR6 (AA), alkaline dry batteries or rechargeable equivalents.
Packing list	Elcometer 204 Steel Ultrasonic Thickness Gauge, Transducer with calibration certification, bottle of couplant, 2 x batteries, carrying case, operating instructions
Part Number	C204----1

Part Numbers

Spares / Accessories

Transducer: Potted right angle 5.0MHz ¼"
Ultrasonic couplant
High Temperature Ultrasonic Couplant
Instrument Carry Case
Test Wedge: 2-25mm
Test Wedge: 30-100mm

Part Number

T92015646
T92015701
T92015874
T92015617
T9205243-
T9205270-

