



Elcometer 205, 206 & 206DL Ultrasonic Thickness Gauges

Elcometer offers a range of Ultrasonic Thickness Gauges effective for many applications.

These robust, hand held instruments are used for measuring the thickness of materials where access to only one side of the test piece is available, for example:

- Ships hulls
- Erosion in pipes
- Storage tank wall thickness
- Bottle and container walls

Many different materials can be measured such as steel, cast iron, plastic, epoxy resin and glass fibre

FEATURES

- Hand held and robust
- Comprehensive selection of transducers for different applications available
- Backlight display on all versions
- Data output available on 206 and 206DL versions
- Memory capacity of 1000 readings on 206DL version
- EDTS⁺ Excel[®] Link Software supplied free of charge with 206DL version

SPECIFICATION – ALL VERSIONS

	Metric	Imperial
Maximum Measurement Range:	0.63 – 500mm (Dependent on transducer)	0.025 – 19.999"
Velocity Range:	1250 – 10000m/s	0.0492 – 0.3930 in/us
Accuracy:	±0.01mm (Depends on material and conditions)	0.001"
Resolution:	±0.01mm	0.001"
Operating Temperature:	-20°C to 50°C	-20°F to 120°F
Display:	4 ¹ / ₂ Digit Liquid Crystal display with backlight	
Transducer:	Select from Transducer Data Sheet	
Power:	AA 1.5V Alkaline or 1.2V NiCad cell	
Battery Life:	200 hrs Alkaline or 120hrs NiCad	
Units:	mm and inches	
Weight:	295g	10oz
Size:	63.5 x 120.6 x 31.75mm	2.5 x 4.75 x 1.25"
Case Type:	Extruded aluminium	
Keypad Type:	Sealed membrane	

PART NUMBERS

C205----1	Elcometer 205 Ultrasonic Thickness Gauge	A transducer must be purchased to be used with the ultrasonic gauge. Please select the appropriate transducer from the data sheet attached.
C206----1	Elcometer 206 Ultrasonic Thickness Gauge	
C206DL----1	Elcometer 206DL Ultrasonic Thickness Gauge	

Shipping List:

*Elcometer 205 & 206**: Main unit, ultrasonic couplant, batteries, carry case and instruction manual.

Elcometer 206DL: As above plus EDTS⁺ Excel[®] Link Software and data transfer cable.

* For the Elcometer 206, to allow data output to a computer, EDTS⁺ Excel[®] Link can be downloaded from our website free of charge however, a data transfer must be purchased separately (T92015684).

