



MT180 / MT190 (through paint) Ultrasonic Thickness Gauge

The **MT180 and MT190** are multi-mode ultrasonic thickness gauges used for measuring wall thickness of metals, plastics and glass etc. The multi-mode function enables the user to switch between 'pulse-echo' and 'echo-echo' modes (to eliminate paint / coating thickness).

Housed in a tough moulded case, featuring a large data memory and scan mode for measuring minimum thickness over large test areas.

Technical specifications:

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| <input type="checkbox"/> Measuring range steel (standard probe): | 2 – 600mm (pulse-echo mode) |
| <input type="checkbox"/> Measuring range steel (optional probes): | 0.65 – 600mm (pulse-echo mode) |
| <input type="checkbox"/> Measuring range (through paint): | MT180 3 - 30mm / MT190 3 – 60mm (echo-echo mode) |
| <input type="checkbox"/> Transducer: | P5EE twin element 5MHz, 12mm dia |
| <input type="checkbox"/> Sound velocity range: | 1000 – 9999 m/s |
| <input type="checkbox"/> Measurement unit: | mm/inch selectable |
| <input type="checkbox"/> Display resolution: | 0.1mm / 0.01mm selectable |
| <input type="checkbox"/> Additional features: | Scan mode, backlit LCD display, battery indicator |
| <input type="checkbox"/> Power source: | 2 x 1.5V AA batteries |
| <input type="checkbox"/> Battery life: | Typically 100 hours without backlight |
| <input type="checkbox"/> Data logging memory: | Up to 20 files with 99 readings per file |
| <input type="checkbox"/> Dimensions (L x W x D): | 150mm x 74 x 32mm |
| <input type="checkbox"/> Weight: | 245g |

Standard Delivery:

- Transducer
- Couplant
- Instrument case
- Manual
- Batteries

Optional Accessories:

- Special transducers (2.5 MHz & 7 MHz)
- Data transfer software / USB cable