



## **MT600 Multi-Mode Ultrasonic Thickness Gauge**

The **MT600** multi-mode ultrasonic thickness gauge is 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 weatherproof case with a 320 x 240 colour LCD display, large data memory, scan mode and differential mode.

### **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):         | 2.5 - 100mm (echo-echo mode)                  |
| <input type="checkbox"/> Transducer:                              | P5EE twin element 5MHz, 10mm 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 & diff modes, backlit colour LCD display |
| <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 100 groups with 100 readings per group  |
| <input type="checkbox"/> Dimensions (L x W x D):                  | 150mm x 76 x 38mm                             |
| <input type="checkbox"/> Weight:                                  | 295g  |

### **Standard Delivery:**

- Transducer
- Couplant
- Instrument case
- Manual
- Batteries

### **Optional Accessories:**

- Special transducers (2.5 MHz, 5 MHz, 7 MHz and 5 MHz high temperature)
- Data transfer software / USB cable