

TM-8812 ULTRASONIC THICKNESS METER

- Microcomputer based for high accuracy and fast measurement of the thickness of steel, cast iron, aluminium, red copper, brass, zinc, quartz glass, polyethylene, PVC, gray cast iron, nodular cast iron, and many other materials
- With high power of emission and broad band of receiving sensitivity, it can match probes of different frequencies, easily measure the rough surface, even cast iron
- Display in mm and inch switchable
- Wide range, high resolution
- Optional probes and RS232C interface & software



Technical specifications

Measuring range: 1.2~255mm, 0.05~9 inch

Resolution: 0.1mm

Accuracy: $\pm(0.5\%+0.1\text{mm})$

Sound velocity: 500~9000m/s

Sensor type: ultrasonic

Operating conditions: 0~40°C /10%~90%RH

Battery: 1.5Vx4, AAA size

Dimensions: 120x62x30mm, approx. 170g

Accessories: 5MHz x Φ 10 probe,
standard block, carrying case

Optional sensors:

6M x Φ 6 probe, range 1.0~50.0mm (steel)

5M x Φ 6 high temp probe, -10~+300°C

REF: 038812X0000

CE (EMC), UL, CE (LVD)