

ULTRASONIC THICKNESS GAUGE CODE ISU-250C



- Measure the thickness from one side of object, suitable for pipe, tank, etc.
- Applicable material: metal, plastic, glass, nylon, resin, ceramic, rubber, ice
- Low and high limits with judgement
- Average calculation of maximum 9 readings
- Memory of maximum 5000 readings with location number



couplant



transducer ISU-T06(optional)



transducer ISU-T12(optional)



transducer ISU-T13(optional)

SPECIFICATION

| | |
|----------------------|-----------------------------------|
| Resolution | 0.01mm(range<100mm) |
| | 0.1mm(range≥100mm) |
| Repeatability | 0.03mm(range<100mm) |
| | 0.1mm(range≥100mm) |
| Accuracy | ±0.04mm (range<10mm) |
| | ±(0.04+H/1000)mm (range10~100mm) |
| | ±H/333mm (range≥100mm) |
| | H is the thickness to be measured |
| Velocity | 1000-9999m/s |
| Power supply | 2×1.5V AAA batteries |
| Dimension | 64×116×27mm |
| Weight | 220g |

STANDARD DELIVERY

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|---|-------------|
| Main unit | 1pc |
| Transducer ISU-T08 | 1pc |
| Battery(AAA) | 2pcs |
| Couplant (for ISU-T06, ISU-T08, ISU-T12) | 1bottle |
| USB cable and software | 1pc of each |

OPTIONAL ACCESSORY

| | |
|-------------------------------|---------------------------|
| Transducer | ISU-T06, ISU-T12, ISU-T13 |
| Couplant (for ISU-T13) | ISU-HT5-COUPPLANT |

SPECIFICATION OF TRANSDUCERS

| Code | Frequency | Diameter(∅d) | Measuring range | Minimum size of pipe for measurement (diameter × wall thickness) | Applicable temperature | Application |
|---------|-----------|--------------|-----------------|--|------------------------|----------------------|
| ISU-T08 | 5.0MHz | 10.8mm | 0.8-300mm | 20×1.2mm | <60°C | general use |
| ISU-T06 | 7.5MHz | 8.5mm | 0.7-50mm | 15×1.2mm | <60°C | for thin material |
| ISU-T12 | 2.0MHz | 16.3mm | 3-350mm | 30×4mm | <60°C | for casting steel |
| ISU-T13 | 5.0MHz | 13mm | 3-100mm | 25×3mm | <350°C | for high temperature |