

# ULTRASONIC THICKNESS GAGE CODE ISU-250C

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

## SPECIFICATION

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

## SPECIFICATION OF TRANSDUCERS

Code	Frequency	Diameter (Ød)	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-T04	10.0MHz	6mm	0.7~20mm	10×1mm	<60°C	for small tube
ISU-T06	7.5MHz	8.5mm	0.7~50mm	15×1.2mm	<60°C	for thin material
ISU-T12	2.0MHz	16.3mm	2~400mm	30×4mm	<60°C	for casting steel
ISU-T13	5.0MHz	13mm	2~200mm	25×3mm	<350°C	for high temperature



## STANDARD DELIVERY

<b>Main unit</b>	1pc
<b>Transducer ISU-T08</b>	1pc
<b>Battery (AAA)</b>	2pcs
<b>Couplant (for ISU-T04, ISU-T06, ISU-T08, ISU-T12)</b>	1bottle
<b>USB cable and software disc</b>	1pc

DATA  
OUTPUT



couplant (included)



transducer ISU-T04 (optional)



transducer ISU-T06 (optional)



transducer ISU-T12 (optional)



transducer ISU-T13 (optional)

## OPTIONAL ACCESSORY

<b>Transducer</b>	ISU-T04, ISU-T06, ISU-T12, ISU-T13
<b>Couplant (for ISU-T13)</b>	ISU-HT5-COUPPLANT