

## Ultrasonic Thickness Gage



- Measures the thickness from one side of object
- Suitable for pipes, tanks, etc.
- Supplied with transducer, bottle of couplant and 2 x AAA batteries
- Supplied with manufacturer inspection certificate
- Supplied in fitted storage case



Measuring Range (Inch)		0.03 - 11.81
Resolution (Inch)		0.001 (range <10") 0.01 (range ≥10")
Accuracy (Inch)		±0.002 (range <0.4") ±(0.002+H/1000) (range 0.4-4") ±H/333 (range ≥4") H is the thickness to be measured in inch
Transducer	Frequency	5MHz
	Diameter	0.43"
Minimum size of pipe for measurement (Inch)		0.79 x 0.05 (diameter x wall thickness)
Applicable Temperature		<140°F
Velocity		0.039-0.394"/μs
Power Supply		2 x AAA batteries (included)
Dimensions (Inch)		4.49 x 2.52 x 1.1
Weight (lbs)		49
INSIZE No.		ISU-100D
Code		816694

## Coating Thickness Gage



- Magnetic induction probe (Fe) is to measure the thickness of non-magnetic coating on magnetic substrate  
Substrate: iron, steel, magnetic stainless steel (does not include non-magnetic stainless steel)  
Coating: zinc, copper, chrome, tin, plastic, powder, paint (nickel is not included)
- Eddy current probe (NFe) is to measure the thickness of non-conductive coating on non-magnetic substrate  
Substrate: copper, aluminum, zinc, non-magnetic stainless steel  
Coating: plastic, powder, paint, anodizing
- Low and high limits with judgement
- Auto power off
- For magnetic and non-magnetic substrates
- Data output

**INCLUDES ONE OF EACH:** Coating thickness gage, Magnetic induction probe (Fe), Zero calibration block for Fe probe, Calibration foils (50μm/2mils, 100μm/4mils, 250μm/10mils, 500μm/20mils, 1000μ/40mils), 1.5V AA battery, USB cable and software

Probe type	Fe (included) Magnetic induction probe	NFe (optional) Eddy current probe	Fe90 (optional) Magnetic induction probe for bores and grooves	Fe10 (optional) Magnetic induction probe with big range
Measuring range	0-50mils	0-50mils	0-50mils	20-400mils
Accuracy	±(3%L+0.04)mils ±(3%L+0.4)mils	(range≤50mils) (range≤50mils)	L is measuring thickness in mils	
Resolution	0.01mils			0.1mils
Measuring mode	Continuous and single			
Minimum substrate thickness	0.02"	0.012"	0.02"	0.08"
Minimum measuring area	Ø0.28"	Ø0.2"	Ø0.28"	Ø1.57"
Minimum curvature radius of convex workpiece	0.06"	0.12"	-	0.4"
Memory	500			
Power supply	2 x 1.5V AA batteries			
Dimension	5.04" x 2.68" x 1.26"			
Weight	0.75lbs			
INSIZE No.	9501-1200			
Code	877217			