



ALAT Uji
Products, Solution, Services

Ultrasonic Thickness Gauge



TT100/110/120/130



TT300A/320/340



TT360



TT500



TT700



TT900



TT150

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Ultrasonic Thickness Gauge

TT150



Standard delivery

- Main unit
- 5MHz transducer
- Integrated steel calibration plate 4.0mm
- Batteries AA1.5V
- Couplant
- TIME certificate
- Warranty card
- Instruction manual

Optional accessories

- 2.5MHz transducer(3~300mm)
- 7MHz transducer(0.75~60mm)

Product Introduction:

The principle of Ultrasonic Thickness Gauge is ultrasonic pulse reflection. The pulse was reflected back to the probe when the ultrasonic pulse sent by the probe reaches the material interface through the tested object. We can get the thickness of the measured material based on the accurate time that the ultrasonic transits in the material. Time Ultrasonic Thickness Gauge series are non-destructive testing instrument integrated with modern scientific electronic and measuring technology. They are equipped with microcomputers that can analyze, handle and display the current data. Furthermore, they are integrated with highly optimized measuring circuit, which makes them have the advantage of high measurement accuracy, wide measurement range, being easy to operate, stable working and so on. TT150 is an updated version of TT100, and it was deeply loved by the users with the brand new appearance and oil-proof, water-proof case.

Features:

- Portable size and easy operation
- Suitable for any metallic and non-metallic materials ultrasonic can go through
- Self-compensating of nonlinearity function is supplied for correction of pickup nonlinearity
- Optional 2.5MHz, 5MHz and 7MHz transducer are available
- Large LCD screen display and auto shut down
- Low battery indication
- Low frequency transducer is selectable for testing the

Technical Specifications:

Specifications	TT150
• Model	TT150
• Measuring range	0.8~225mm
• Display resolution	0.1mm
• Sound speed	1000~9999m/s
• Workpiece temperature	-10~60°C
• Display	4 digital LCD
• Measuring accuracy	
• Probe	Ø6mm(optional) Ø10mm(Standard) Ø126mm(optional)
• Calibration plate	4.0mm(Steel)
• Power	AA batteries 1.5V
• Working time	250hours
• Dimensions(mm)	149×72×32
• Weight	200g(with battery)