



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
- 10 measuring values recorded
- optional 2.5MHz, 5MHz and 7MHz transducers are available
- Clear 4-Digit LCD display with backlight
- 5 pre-set sound velocities for repeating applications
- mm / inch selectable
- TT100 and TT130 are suitable for thickness testing of various materials with sound speed range 1000-9999m/s
- TT110 and TT120 are easy-operation models with only two keys suitable for thickness testing of steel
- TT120: high-temperature model with range up to 300°C

Technical Specification

	TT100	TT110	TT120	TT130
Measuring range	0.75 -300.00mm (steel)			
Measuring range for steel pipes	φ20 × 3.0mm			
Diameter of transducer	φ10 (standard) φ6 (optional) φ12(optional)			
Display resolution	0.1mm			0.01mm
Calibration	4.0mm steel base plate integrated			
Tolerance	±(1%H+0.1) mm (H means the thickness of tested piece)			
Measuring units	mm/inch			
Sound velocity range	1000-9999m/s	5900 m/s		1000-9999m/s
Display	4-Digital LCD with backlight	4-Digital LCD		
Surface temperature	-10°C to +60°C		-10°C to +300°C	-10°C to +60°C
Battery indicator	Low battery voltage indication			
Power supply	2 Pcs. AA batteries 1.5V			
Working time	250 hours			
Dimensions	126mm × 68mm × 23mm			
Weight	Approx. 250g including batteries			

Standard delivery

- Main unit 1
- 5MHz transducer 1
- 5MHz/90° transducer 1
- ZW5P high temperature transducer for TT120 1
- Integrated steel calibration plate 4.0mm 1
- Batteries AA 1.5V 2
- Couplant 1
- TIME Certificate 1
- Warranty card 1
- Instruction manual 1

Optional accessories

- Optional transducers (See page 29)