

ULTRASONIC THICKNESS GAUGE TT100/110/120/130/140



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 transducers are available
- Clear 4-Digit LCD display with backlight
- 5 pre-set sound velocities for repeating applications
- 10 measuring values recorded for TT100/110/120/130 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
- TT140: metal shell, all keys-obturation to prevent oil stain, increase application life, 100 measuring values recorded

Technical Specification

	TT100	TT110	TT120	TT130	TT140
Measuring range	0.75~300.00mm (steel) (depends on probe)				
Measuring range for steel pipes	φ20 × 3.0mm				
Diameter of transducer	φ10 (standard) φ6 (optional) φ12(optional)				
Display resolution	0.1mm		0.01mm		0.1mm
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	1000-9999m/s
Display	4-Digital LCD				4-Digital LCD with backlight
Surface temperature	-10 to +60		-10 to +300	-10 to +60	-10 to +60
Battery indicator	Low battery voltage indicator				
Power supply	2Pcs.AA batteries 1.5V				
Working time	250 hours				
Dimensions	126 × 68 × 23mm				
Weight	Approx.250 including batteries				

Standard Delivery

Main unit	1
5MHz straight transducer (for TT100/110/120/130)	1
5MHz angle transducer (for TT100/110/130)	1
ZW5P high temperature transducer (for TT120)	1
Integrated steel calibration plate 4.0mm	1
Batteries AA1.5V	2
Couplant	1
TIME certificate	1
Warranty card	1
Instruction manual	1

Optional Accessory

Optional accessories (see page 41)