

TT100/110/120/130

ULTRASONIC THICKNESS GAUGE

Standard Delivery

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



TT100



TT110



TT120



TT130

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
- 5 pre-set sound velocities for repeating applications
- TT100 and TT130 are suitable for thickness testing of various materials with sound speed range 1000-9999m/s
- TT100 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; easy-operation model with only two keys suitable for thickness testing of steel

	TT100	TT110	TT120	TT130
Measuring range	0.75 – 300.00mm (steel)(depends on probe)			
Measuring range for steel pipes	Min.3.0mm thickness ×Ø20 diameter			
Diameter of transducer	Ø10 (standard) Ø6 (optional) Ø12(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 or mm/inch	mm/inch	mm/inch	mm/inch
Sound velocity range	1000-9999m/s	5900 m/s	5900 m/s	1000-9999m/s
Display	4-Digital LCD			
Surface temperature	-10℃ to +60℃		-10℃ to +300℃	-10℃ to +60℃
Battery indicator	Low battery voltage indicator			
Power supply	2 Pcs. AA batteries 1.5V			
Operation time	250 hours			
Dimensions	126mm×68mm×23mm			
Weight	Approx. 250g including batteries			