

TT100/120/130

ULTRASONIC THICKNESS GAUGE

Standard Delivery

- Main unit
- Integrated steel calibration plate 4.0mm
- 5MHz straight transducer (for TT100/120/130)
- Batteries AA 1.5V
- 5MHz angle transducer (for 130)
- Couplant
- ZW5P high temperature transducer (TT120)
- TIME certificate
- Warranty card
- Instruction manual



TT100



TT120



TT130

Features

- Portable size and easy operation
- Suitable for any metallic and non-metallic materials ultrasonic can go through
- Self-compensating of non-linear function is supplied for correction of pickup non-linear
- 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
- TT120: High-temperature model with range up to 300°C;
- Easy-operation model with only two keys suitable for thickness testing of steel

Technical specification

	TT100	TT120	TT130
Measuring range	0.75 – 300.00mm (steel)(depend 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 /inch	inch	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 indicator		
Power supply	2 pcs. AA batteries 1.5V		
Operation time	250 hours		
Dimensions (mm)	126×68×23		
Weight (g)	170		