

# Ultrasonic Thickness Gauge TT100/110/120/130



## 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

## Technical Specification

Model	TT100	TT110	TT120	TT130
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
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			
Surface temperature	-10    to +60		-10    to +300	-10    to +60
Battery indicator	Low battery voltage indicator			
Power supply	2Pcs.AA batteries 1.5V			
Working time	250 hours			
Dimensions (mm)	126 × 68 × 23			
Weight (g)	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 H7)