



### Features

- Advanced handheld ultrasonic thickness gauge
- Suitable for most metallic and non-metallic materials ultrasonic can go through
- Auto-calibration of zero point, correction of system error
- Display current thickness or minimum thickness (menu selectable)
- Upper-lower limits setting and sound alarm
- Memory of 500 stored values
- Two point calibration for high accuracy
- Display resolution 0.1mm/0.01mm selectable
- Display in mm or inch
- Large LCD display with adjustable backlight
- Low battery indicator
- TT300A: Can be equipped with low frequency transducer for thickness testing of thin workpiece and auto calibration is available
- TT320: high-temperature model with range up to 300°C
- TT340: equipped with TSTU32 transducer for casting iron

# TT300A/320/340

ULTRASONIC THICKNESS GAUGE

### Standard deliveries

•Main unit	1
•Transducer 5PØ10	1
•Transducer ZW5P for TT320	1
•Transducer TSTU32 for TT340	1
•Rubber jacket	1
•Couplant	1
•Batteries AA 1.5V	2
•Screwdriver	1
•Instruction manual	1
•TIME certificate	1
•Warranty card	1

### Optional Accessories

- Optional transducers (See page33)

### Technical Specification

Model	TT300A	TT320	TT340
Measuring range	0.75mm-225.0mm (steel) (Depends on probe)	1.2mm-225.0mm (steel) 5.0mm-80.0mm (steel high-temp)	1.2mm-225.0mm (steel)
Measuring accuracy	±0.5% H+0.01mm (H means the thickness of tested piece)	±1% H +0.1mm (H means the thickness of tested piece)	
Lower limits of steel pipes	Ø15mm×2.0mm (For 7MHz transducer) Ø20mm×3.0mm (For 5MHz transducer)	Ø20mm×3.0mm	
Display resolution	0.01mm or 0.001inch	0.1mm or 0.01inch	
Data output	RS232		
Sound velocity	1000m/s~9999m/s		
Power supply	AA batteries (2pcs) 1.5V		
Battery life	100 hours without backlight		
Sound speed	1000m/s~9999m/s		
Unit scales	mm/inch		
Dimensions(mm)	152×74×35		
Weight(g)	250	370	
Surface temperature	-10°C~ +300°C	-10°C+300°C	-10°C+60°C