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TIME Precision Measuring Instrument

Ultrasonic Thickness Gauge TT300 / 300A / 310 / 320 / 340



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 readings
- 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
- TT300: Equipped with RS232 interface for connecting with printer and PC with optional software. 5PØ 10 transducer for normal purpose and optional TSTU32 transducer for casting iron
- TT300A: Can be equipped with low frequency transducer for thickness testing of thin workpiece, and auto-calibration is available
- TT310: Economical model with easy operation
- TT320: high-temperature model with range up to 300°C

Technical Specification:-

	TT300	TT300A	TT310	TT320	TT340
Measuring range	1.2-225.0mm (steel)	0.75-225.0mm (steel)	1.2-225.0mm (steel)	1.2-225.0mm (steel) 5.0-80.0mm (steel high-temp)	1.2-225.0mm (steel)
Tolerance	± 1% + 0.1mm (H means thickness of tested piece)	± 0.5% H +0.01mm (H means thickness of tested piece)	± 1% H +0.1mm (H means thickness of tested piece)		
Measuring range of steel pipes	Ø20mm 3.0mm	Ø15mm × 2.0mm Ø20mm × 3.0mm	Ø20mm × 3.0mm		
Display resolution	0.1/0.01mm or 0.01/0.001 inch	0.01mm/0.001 inch	0.1mm / 0.01 inch		
Data output	RS232	-			
Sound velocity	1000m/s ~ 9999m/s				
Power supply	2pcs AA batteries (2pcs) 1.5V				
Battery life	100 hours without backlight				
Sound speed	1000m/s ~ 9999m/s				
Measuring units	mm / inch				
Dimensions	152mm × 74mm × 35mm				
Weight	370g	250g		370g	
Surface temperature	-10°C ~ + 60°C		-10°C ~ + 300°C		-10°C ~ + 60°C
Dimensions	152mm × 74mm × 35mm				

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