

Ultrasonic Thickness Gauge TT300



Product Information

Product info:• Easy to use handheld thickness gauge

- Suitable for most metallic and non-metallic materials
- Display current thickness or minimum thickness (menu selectable)
- Upper-lower limits setting and sound alarm
- Memory for 500 stored values
- Two point calibration
- Display resolution 0.1mm/0.01mm selectable
- Display in mm or inch
- LCD display with adjustable backlight
- Low battery indicator
- RS232 output for data transfer

Technical specifications

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Measuring range (Steel)	1.2mm-225.0mm with 5MHz transducer 5.0mm-300.0mm with 2MHz transducer
Operating temperature	-10°C ~ +60°C
Lower limit steel pipes	∅20mm x 3.0mm
Display resolution (Selectable)	0.1mm/0.01mm or 0.01/0.001inch
Data output	RS232 Output for printer or pc
Measuring accuracy	±1% thickness +0.1mm
Sound velocity	1000m/s~9999m/s
Power supply	2pcs AA batteries (2pcs) 1.5V
Battery life	100 hours without backlight
Dimensions	152mm×74mm×35mm
Weight	370g

Transducer specification

Transducer	Measurement range	Contact area diameter	Frequency (MHz)	Operating temp.
TSTU32	5.0~300.0mm (Steel)	22mm	2 MHz	-10°C ~ +60°C
5P φ 10	1.2mm-225.0mm (steel)	10mm	5 MHz	-10°C ~ +60°C

Standard delivery

Main unit	1
Transducer 5Pφ10	1
Rubber jacket	1
Ultrasonic couplant	1
Batteries AA 1.5V	2
Screwdriver	1
Instruction manual	1
TIME certificate	1
Warranty card	1
Carrying case	1

Optional accessories

- Transducer TSTU32 (2MHz)
- Transducer 5Pφ10(5MHz)
- Printer TA220S with cable
- Dataview with communication cable