

Ultrasonic Thickness Gauge TT300



- 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

Measuring range (Steel)	1.2mm-225.0mm with 5MHz transducer 5.0mm-300.0mm with 2MHz transducer
Operating temperature	-10 ~ +60
Lower limit steel pipes	φ20mm 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

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

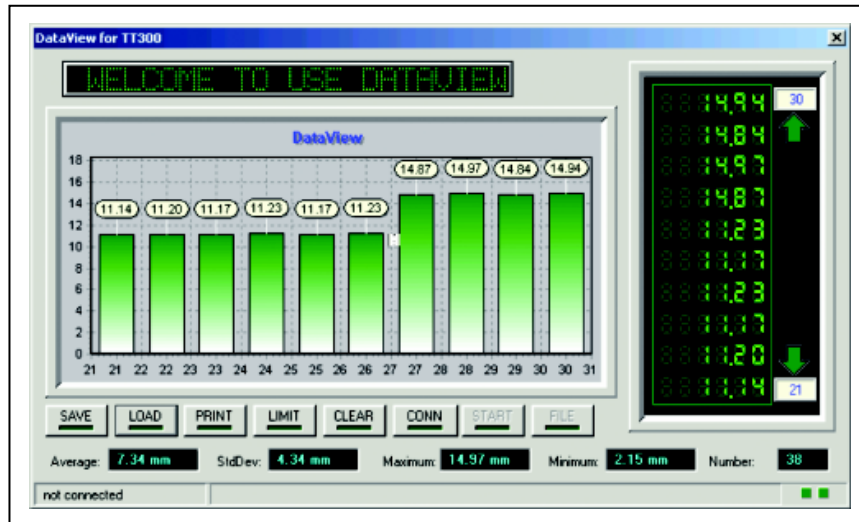
- Transducer TSTU32 (2MHz)
- Printer TA220S with cable
- Dataview with communication cable

Transducer specification

Transducer	Measurement range	Contact area diameter	Frequency (MHz)	Operating temp.
TSTU32	5.0~300.0mm (Steel)	22mm	2 MHz	-10 ~ +60
5Pφ10	1.2mm-225.0 mm (steel)	10mm	5 MHz	-10 ~ +60

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Dataview for TT300



ID	Time	Velocity	Sensor	Material	Comments
2	2001-10-29 17:49:21	2960	5MHz		
3	2001-10-29 17:50:29	4399	10MHz		
4	2001-10-29 17:58:33	4399	5MHz		tttt
7	2001-10-29 18:07:40	4400	2MHz		
8	2002-05-08 17:06:04	5900	2MHz		

Buttons: Load data, Modify parameters, Delete data, Quit

Comm Port
Please select the port: COM1
OK Cancel

Set Overbound Prompt
 Set Prompt
Upper limit: 3000.00 mm
Lower limit: 0.00 mm
OK Cancel

Save Data
2003-02-25 10:24:32 5000
Time Velocity (m/s)
2M Hz Sensor Material
Comments
Save Quit