



TT300/TT300A



TT310



TT320



TT340

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. 5PΦ10 transducer for normal purpose and optional TSTU32 transducer for casting iron
- TT300A: Can be equipped with low frequency transducer for thickness testing of thin work piece, and auto-calibration is available
- TT310: Economical model with easy operation
- TT320: high-temperature model with range up to 300
- TT340: equipped with TSTU32 transducer for casting iron

Technical Specification

Model	TT300	TT300A	TT310	TT320	TT340
Measuring range	1.2~225mm (steel) (depends on probe)	0.75-225mm (steel) (depends on probe)	1.2-225.0mm (steel)	1.2-225.0mm (steel) 5.0-80.0mm (steel, high-temp)	1.2-225.0mm (steel)
Tolerance	± 1% H + 0.1mm (H means the thickness of tested piece)	± 0.5% H + 0.01mm (H means the thickness of tested piece)	± 1% H + 0.1mm (H means the thickness of tested piece)		
Measuring range of steel pipes	Φ20mm x 3.0mm For 5MHz and 7MHz transducer	Φ15mm x 2.0mm (For 7MHz transducer) Φ20mm x 3.0mm (For 5MHz transducer)	Φ20mm x 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		-		
Power supply	AA batteries 1.5V (2Pcs)				
Battery life	100 hours without backlight				
Sound speed	1000m/s~9999m/s				
Measuring units	mm/inch				
Dimensions (mm)	152 x 74 x 35				
Weight (g)	370	250	370		
Surface temperature	-10 ~+60	-10 ~+300	-10 ~+60	-10 ~+300	-10 ~+60

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



ISO 9001



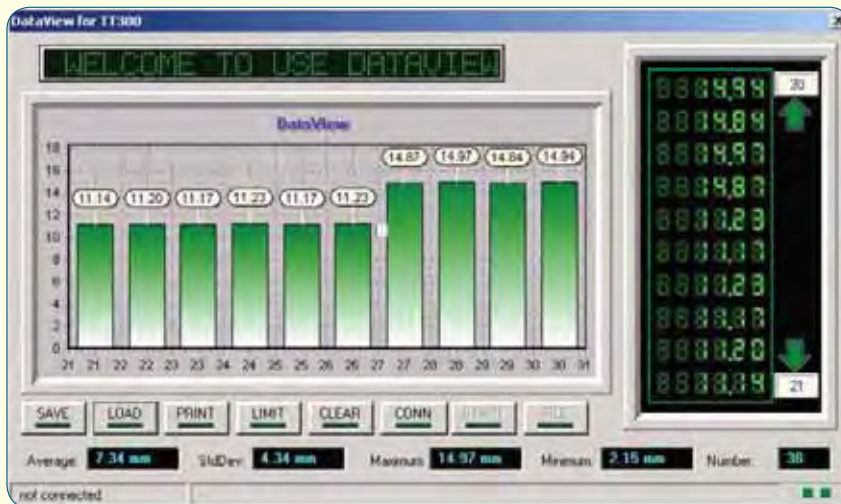
Dataview for TT300



Data management

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	2002-05-09 17:06:04	5900	2MHz		

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



Comm Port

Please select the port: COM1

Buttons: OK, Cancel

Set Overbound Prompt

Set Prompt

Upper limit: 3000.00 mm

Lower limit: 0.00 mm

Buttons: OK, Cancel

Save Data

2003-02-26 10:24:32 5000

Time Velocity (m/s)

2M Hz Sensor

Material

Comments

Buttons: Save, Quit

Standard Delivery

Main unit	1
Transducer 5PΦ10	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 Accessory

- Optional transducers (See page H7)
- Printer TA230 (see page Z1)
- Dataview software for TT300

Supplied by:

Test and Measurement Instruments C.C.

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