

ULTRASONIC THICKNESS GAUGE

(Special for Boiler Tubes)

TM210 PLUS

- ★ Measurement down to 0.75 mm on flat surface & 1mm on ½ Inch boiler tube
- ★ PC Software for thickness data analysis
- ★ Backlit Display
- ★ USB port for PC connectivity

★ For Dedicated Application ★



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Technical Specification

TM210 PLUS

Applicable Materials	:	Special Low thickness boiler tubes and low thickness parts.
Measuring Range	:	0.75 mm to 25 mm in steel. (Depends on material, Surface, Temperature, etc.)
Velocity	:	1000 m/s to 9999 m/s.
Probe	:	Dual crystal (Transmitter Receiver) type
V-path Correction	:	Built-in for better accuracy.
Calibration	:	One step calibration. (For steel)
Display Resolution	:	0.01 mm
Key Pad	:	Sealed tactile type.
Communication	:	USB Serial Port for data transfer.
Memory	:	Measurement memory for up to 5 file up to 100 values for each file of stored values.
Unit	:	Imperial (Inches) or Metric (mm) selection available.
Battery	:	Three 1.5V AA size cells.
Low Battery	:	Indication by Blinking of LCD.
Operating time	:	100 Hours typical operating time (LED backlight off).
Size	:	150 mm x 74 mm x 32 mm
Weight	:	238 Grams.

Probe Specification:

Probe	Frequency & Crystal Dia	Test Range (In Steel)		Accuracy	Allowable Surface Temperature	Special Application
		Flat Surface	Cylindrical Surface			
TM-06	7MHz, 6mm dia	0.75 - 25mm	1 - 25 mm thickness with OD 12.5 mm or more	± 0.1 mm Up to 25mm	-10 to 60 Deg C.	Boiler Tubes and Low Thickness parts

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