

STG-300 & STG-310 ULTRASONIC THICKNESS GAGE



FEATURES:

- AUTOMATIC SELF-CALIBRATION
- COUPLANT INDICATOR
- AUTOMATIC POWER OFF DEVICE
- HIGH-LOW LIMIT ALARM
- LCD BRIGHTNESS ADJUST
- LOW BATTERY INDICATOR

TECHNICAL SPECIFICATION

	STG-300	STG-310
Measuring Range	0.8mm – 300mm (depending on the probe) 1.0mm – 200mm (with probe including in standard kit)	
Accuracy	+/- (1.0% + 0.1) mm	+/- (0.5% + .01) mm
Display Resolution	0.1 mm " 0.1"	0.1 mm / 0.01 mm, or 0.01" / 0.001 "
Display Frequency	4 Hz	
Memory	Store up to 500 test values	
Sound Velocity	1000 – 9999 m/s (0.0393 – 0.3936 in/us)	
Display Type	4 Digit LCD with advanced backlight	
Power Supply	2 pcs. X 1.5V Replaceable "AA" Batteries	
Working Temperature	-0 Deg. C to +50 Deg. C	
Dimensions	149 mm x 73 mm x 32mm	
Weight	168 grams – Main Unit <i>plus</i> 30 grams – Standard Probe	

V6.11

Kit Includes:

- Main Processor with built-in Calibration Block (4.0mm)
- Standard Probe – PT-12 (5 Mhz)
- Coupling Paste
- Operation Manual
- Batteries – 2pcs, 1.5V AA Type
- Carrying Case



Probes	Frequency	Diameter	Range(steel)	Application
PT-12	5 Mhz	12mm	1.0-200mm	Standard Probe
PT-08	5 Mhz	10mm	0.8-100mm	Standard Probe
PT-06	7.5 Mhz	7.6mm	0.8-30mm	Miniature Probe
ZT-12	2 Mhz	16.2mm	4.0-300mm	Low Freq. Probe
PT-04	10 Mhz	5mm	0.8-20.0mm	Mini Size Probe
GT-13	5Mz	14mm	4.0-80.0mm	High Temp. Probe

Spectrum Instruments Ltd offers a complete range of ultrasonic thickness gages, including:

STG-300 Thickness Gage (standard)

STG-310 Thickness Gage (high accuracy)

STG-300D Thickness Gage (standard w/coating)

STG-310D Thickness Gage (high accuracy w/coating)

STG-350 Thickness Gage (ultra -high accuracy)

STG-500 Color Thickness Gage

Your Local Agent:

Let us help you select the best gage for your application.

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