



FEATURES:

- BRILLIANT OLED COLOR DISPLAY
- HIGH ACCURACY & RESOLUTION
- AUTOMATIC SELF-CALIBRATION
- COUPLANT INDICATOR
- AUTOMATIC POWER OFF DEVICE
- HIGH-LOW LIMIT ALARM
- LCD BRIGHTNESS ADJUST
- LOW BATTERY INDICATOR

TECHNICAL SPECIFICATION

	STG-500
Measurement Range	mm: 0.5 – 508mm Inch: 0.02 – 20 inch
Measurement Accuracy (H=max height of material)	+/-0.05mm (up to 25mm) +/- 0.2% H (up to 100mm) +/-0.5%H (above 100mm)
Display	Mm: 0.01 / 0.1 Inches: 0.001 / .001
Refresh Frequency	4 Hz
Memory	Store up to 500 test values
Sound Velocity	500 – 9999 m/s; 0.0197 – 0.3937 in/us
Display Type	320x240 dot matrix 2.4 inch color screen
Power Supply	2 pcs. X 1.5V Replaceable “AA” Batteries (provides up to 36 hours of operation)
Operating Temperature	-10 Deg. C to +50 Deg. C (to – 20 Deg on request)
Dimensions	153 mm x 76 mm x 37mm
Weight	280 grams – Main Unit c/w Standard Probe and batteries

V6.11

Kit Includes:

- Main Processor STG-500 Gage
- Standard Probe – PT-08
- Couplant
- Operation Manual
- Batteries – 2pcs x AA Type
- Carrying Case



Available with optional PC compatible software for data archiving

Alt. Probes	Frequency	Diameter	Range(steel)	Application
PT-08	5 Mhz	10mm	0.8-100mm	-10 – 70 Deg C
PT-06	7.5 Mhz	7.6mm	0.8-30mm	-10 – 70 Deg C
ZT-12	2 Mhz	16.2mm	4.0-508mm	-10 – 70 Deg C
PT-04	10 Mhz	5mm	0.5-20.0mm	-10 – 70 Deg C
GT-12	5 Mhz	14mm	4.0-80.0mm	-20 – 300 Deg C



Reading in 'white' implies probe couplant is working properly



Differential / Reduction Rate Mode display



Min/Max Modes – Current thickness and maximum thickness shown at the same time; dragging probe along surface will show min/max automatically



Invalidate erroneous waves within the red blanking strip and omit the useless noise wave that impact the measurement

Your Local Agent:

SALES / REPAIRS / RENTALS / TRAINING / TRADE-INS

SPECTRUM

44 Forest Drive, Mill Pond Woods Brighton, ON K0K 1H0 Canada
 P: 1-613-439-8767 E: info@spectrum-instruments.com
 www.spectrum-instruments.com