

Stroud Systems, Inc

Providing Material Testing Solutions Since 1962

A-Trace Series

New TG210 & TG410

Ultrasonic Thickness Gages Incorporating 240x320 QVGA A-Trace Display

Bigger Is Not Always Better! The All New Nova A-Trace Series of Thickness Gauges define a new standard for performance, features and portability in Handheld Ultrasonic Thickness Gauges. This ALL NEW Nova Series offers Pulse Rep Rates up to 300Hz, With Display Updates of 30Hz, fast enough for all but the most demanding applications. With the introduction of three NEW, Industry Leading Features including SplitView, SplitScan and AutoTrack The New Nova Series possibly presents the best features for price in High Performance Thickness Gauges today.

The high speed, fully sunlight readable, backlit display offers Quarter VGA resolution. The resolution of the display will appear to approach analog! User interface is via simple plain text menus located at the bottom of the display. Large numeric display



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<p>Full Screen RF Echo Waveform</p>	<p>SplitView RF Echo Waveform</p>	<p>SplitView RF Echo Waveform Large Main, Small Window</p>	<p>SplitView RF Echo Waveform... Small Main, Large Window</p>
<p>RF Echo Waveform Top Window, B-Scan in Bottom Window</p>	<p>SplitView FW Echo Waveform - Unfilled</p>	<p>SplitView FW Echo Waveform - Filled</p>	<p>SplitView +HW Echo Waveform - Echo to Echo Mode</p>

Display: 240 x 320 Graphic (2.3"W x 3.1"H) Backlight - On / Off / Auto with reading Last reading hold	Probe Select: Single / Dual Element Probe Library Selection
SplitView: (Handheld Industry First) Main Trace Window: 100 - 10% in 10% Incr. Split View Window: 10% - 100% in 10% Incr. as a Function of Main Trace Window Size	Damping: - 8 Damping Levels 22 - 2K Ohms
SplitScan: (Handheld Industry First) Display A-Trace and B-Scan Simultaneously	Alarm: LED Thickness High, Lo or High/Lo I/O: RS-232 I/O: Download data from logger Optional USB Connectivity
AutoTrack: (Handheld Industry First) When in SplitView, Second Window Displays a Zoom View of the Main A-Trace which Tracks The Echo Being Measured Screen Freeze Mode	Memory: 2 MegaBYTE data logger. 30+ character alpha numeric identification of files. Store 20,000+ Data Points with Waveforms & B-Scans Operational Modes: Single/Dual/Angle/Contact/Delay Gates: Contact - IP-1st, 1st-2nd Permits Through Paint Delay/Bubbler/Immersion IP Blocking, IF Blocking, IF-1st, 1st-2nd Echo Blk POS or NEG Gating DAG Optional
Physical: 3.25" Wide X 1.4 Deep X 7" Long All Aluminum with gasketed end caps	B-Scan Features: 'T' Scan - Time encoded 'B' Scan (Scrolling) Encoded B-Scan
Range: 0.005" - 20" Total incorporating 40" Delay Resolution - 0.0001" •Inch/mm selectable	Power Requirements: Operates on 3 AA Alkaline or NiMH Batteries • Charger & Batteries Included Transducers, cables and accessories are available for almost any application
Velocity Range: 0.0490 to .9999 in/us • fully adjustable.	Plastic carry case included
Calibration: Range, Delay, Velocity & Zero	CE Approved Manufactured in facilities meeting ISO9001 manufacturing processes
Pulser / Receiver: Up to 300Hz Rep Rate, Unique and Adjustable IP Suppression Mode	
Display Mode: RF, +HW, -HW, FW GAIN: User selectable gain 66dB with 96dB Attenuation • 500Khz - 20MHz	



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