

TG210 & TG410



Rugged Aluminum Case Rubberized End Caps

Multiple Probe Capability

SplitScan: A-Trace & B-Scan

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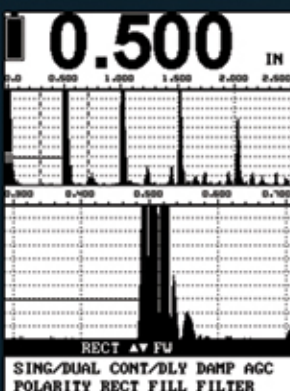
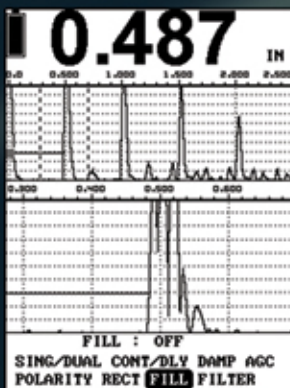
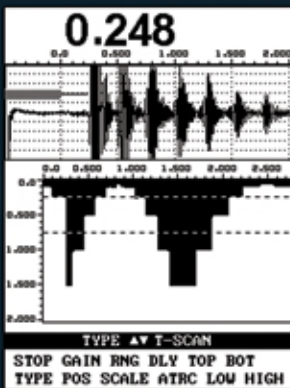
NOVA
INSTRUMENTS

TG-210 & TG-410

Miniature Ultrasonic Thickness Gages

- 240 x 320 Pixel Display
- SplitView: A-Trace & B-Scan
- SplitView: Atrace
- AutoTrack: Auto Tracking Zoom

Specifications



Backlight - On / Off / Auto with last reading hold

SplitView: main Trace Window: 100% - 10% in 10%
Incr. Split View Window: 10% - 100% in 10% Incr.

SplitScan: display A-Trace and B-Scan simultaneously

Screen Freeze Mode: Freeze & Save

Physical: 3.25"W X 1.4"D X 7"L
(8.25x3.55x17.7cm)

All aluminum with sealed and rubberized caps

Range: 0.085" - 340" (2.159mm-8.6m)
Delay: 0 - 165in/us @ full range (0-4.19m/us)

Resolution: 0.001" (0.025mm) TG210
0.0001" (0.0025mm) TG410
Inch/mm selectable

Velocity Range: 0.0490 - .9999 in/us
(1.24-2.4mm/us) fully adjustable

Calibration: Range, Delay, Velocity & Zero

Pulser: 300Hz Rep Rate, IP
Suppression Mode

Display Mode: RF, +HW, -HW, FW

GAIN: 100dB

Usable Frequency Range: 500Khz - 20MHz

Probe Select: single / dual element - (TG410)
Dual ONLY - (TG210)

Auto probe recognition (NDT Gaging Probes) or
Probe Library Selection

Damping: 8 Damping Levels 25 - 375 Ohms

Alarm: LED Thickness High, Lo or High/Lo

I/O: USB Connectivity: Up and Download Setups
and Data from logger

Memory: data logger. 30+ character alpha
numeric identification of files. Store 250+
Waveforms & B-Scans

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

B-Scan Features:
'T' Scan - Time encoded 'B' Scan (Scrolling)
Encoded B-Scan (Optional)

Power Requirements: Operates on 3 or 6 'AA'
Alkaline or NiMH Batteries • Charger & NiMH
Batteries Included

Transducers, cables and accessories are
available for almost any application. Pelican case
included

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NDT Systems Inc., a Nova Instruments company

