

# Avenger EZ

Miniature Ultrasonic Flaw Detector



High Speed LCD Display

Multiple Gate Capability

Uses 'AA' Size Batteries

Dual A-Trace Splitscan

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**ADVANCED NDT LTD**

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 NOVA  
INSTRUMENTS

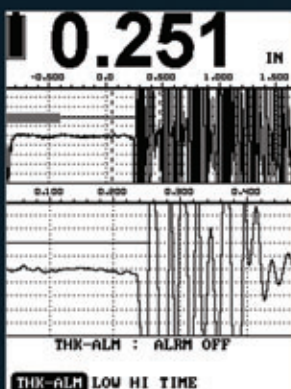
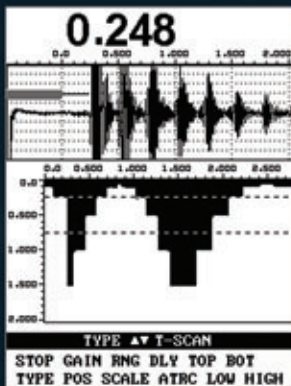


# Avenger EZ

## Miniature Ultrasonic Flaw Detector

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

## Specifications



Display: 240 x 320 pixels  
2.3" (5.8cm)W x 3.1" (7.9cm)H, backlight  
on/off/auto with last reading hold

Splitview: display A-Trace and B-scan  
simultaneously

Physical: 3.25"W x 1.4"D x 7"L  
(8.25x 3.55x17.8cm); all aluminum with  
sealed and rubberized end caps

Range: 0.4"-340" (1.016-863.6cm) delay:  
0-165"(0-419.1cm) @ full range! resolution -  
0.001"(0.0254mm) - inch/mm selectable

velocity range: 0.0490-0.9999in/us  
(1.24mm-25.4mm) - fully adjustable

Calibration: range, delay, velocity & zero

Pulser: 300Hz rep rate, unique and adjustable  
IP suppression mode

Display Mode: RF, +HW, -HW, FW  
GAIN: 100dB

Frequency range: 500KHz to 15MHz

Probe selects: single/dual element  
automatic probe recognition (NDT gaging  
probes) or probe library selection

Peak echo hold: fixed or unique timed  
"waterfall" reset

Damping: - 8 damping levels 25 - 375 Ohms

Alarm: LED thickness high, lo or high/low

I/O: USB connectivity: up and download  
setups and data from logger

Memory: 2 MB data logger. 30+ character  
alpha numeric identification of files. Store  
250+ waveforms & B-Scans

Operational modes: single, dual, angle,  
contact, delay; Lemo 00, Lemo 1 or BNC

Gates: Contact probe; IP - 1st, 1st-2nd  
(permits through paint measurement). Delay,  
bubbler, immersion probe; IP blocking, IF  
blocking, IF-1st, 1st-2nd echo blk; POS or NEG  
gating; DAG

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 **NDT Systems**  
Worldwide Excellence In Ultrasonics

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