



We are proud to stand at the forefront of providing innovative application solutions for non-destructive testing (NDT)

Global brands, local presence



### Danatronics : ECHO Series: Corrosion/Precision Thickness Gage and Flaw Detector



Our ECHO series represents a breakthrough in portable ultrasonic inspection. The ECHO series can quickly and easily switch from corrosion or precision thickness gaging, to flaw detector all offered in a rugged, custom package.

Versions :-

- Echo 7: Precision Thickness Gage
- Echo 8: Precision + Corrosion Thickness Gage
- Echo 9: Corrosion Thickness Gage
- Echo FD: Flaw Detector



### Standard Features

- Extraordinary range of measurement: 0.006-23" range in steel
- A-Scan (Waveform), Encoded B-Scan
- Oxide Scale measurement
- High Temperature applications
- Change color and vibrate on alarms
- 27-hour battery life in thickness gaging mode and 13-hour in flaw detection mode
- Rugged and reliable: Designed for IP67
- Datalogger 2 GB micro SD card standard, expandable up to 32 GB, interfaces with Microsoft Excel.
- Bluetooth connectivity available
- Field upgradable software options



### Typical Applications

- Thickness measurement of metals - tubes, pipes, forging, castings, tanks, vessels, turbine blades, automotive body, aerospace structures
- Thickness measurement in non-metals - composite, rubber, glass, ceramic, plastic.



## Sonatest : WAVE – Interactive Flaw Detector

### Next generation technology at your fingertips

What if you could tailor the settings on your UT device and alter it to your own process and people's needs? An instrument where all the useful parameters are pre-set and available in less than two clicks? Now you can.

Introducing **WAVE** by **Sonatest**. It integrates the latest technologies available in order to create a revolution in the ultrasonic non-destructive testing equipment market. Not only is it innovative, but the customisable interface also optimises the daily workflow, and a unique and embedded interactive scan plan, with ray-tracing capability and simulation tools, consolidates your results.

Its wifi capability allows you to access it anywhere in the field, eases data transfer, application installation and manages calibration date and software version.

### Mitigate false calls with the new WAVE Interactive Scan Plan

The **WAVE** Interactive Scan Plan has been developed to ease diagnostics on the inspected part. The scan plan can reproduce complex geometries such as curved surfaces and T-Joints. Combined with a real-time Raytracer, this unique feature facilitates the distinction between a real flaw and a geometrical indication, thus avoiding unnecessary repair.

### WAVE UTouch Technology

The Sonatest UTouch Technology allows your device to operate in the same way as a mobile phone. Combined with rugged components and an intelligent algorithm which makes the distinction between couplant and finger, the Sonatest **WAVE** is the first true industrial touch-screen device on the market.



## Sonatest : Veo3 – Inspect with confidence

Key design elements of the Veo3 are user and performance-focused. Based on superior and innovative digital technology and its live concurrent multi-scan / multi-technique capabilities, the Veo3 truly helps you to inspect with confidence.

The Veo3 multi-techniques allow inspectors to keep inspecting as they always have, with no need to change their current workflow and by doing so, users can benefit from the additional resolution and sizing performance of TFM while carrying out an already approved, trusted and reliable procedure.

### Superior Digital Technology

The Veo3 offers superior data throughput and unsurpassed computational capacity. It delivers fast and accurate results using an impressive 32 channel PA beamformer that provides exceptional SNR, using enhanced digital signal processing.

Data file size is not a concern for the Veo3 thanks to its 64-bit Linux operating system because it can count on a fast 128GB SSD memory capacity allowing you to record huge amounts of information in a single acquisition file.

With its advanced technology the Veo3 is unique in allowing real-time multi-scan/multi-technique capabilities. Simultaneous TFM, PA and TOFD views are now possible.



### Evident Scientific: Nortec 600

The new world of Eddy current testing

Evident converges its latest advancements in high-performance digital circuitry and eddy current flaw detection into one compact and durable portable unit—the new NORTEC® 600. With its crisp and vivid 5.7 inch VGA display and true full-screen mode, the NORTEC 600 is capable of producing highly visible and contrasting eddy current signals in any lighting condition.

#### Standard features

- Designed to meet the requirements of IP66.
- EN-15548 compliant.
- Long battery life (up to 10 hours).
- Bright, 5.7 inch VGA display.
- Full-screen option in any display mode.
- Improved filters for rotary scanner mode.
- Intuitive interface with Application Selection presets.
- All-settings configuration page.
- 10 Hz to 12 MHz frequency capacity.
- Automatic internal balancing (BNC connector).
- Up to two real-time readings.
- True automatic mixing.
- Storage capacity of up to 500 files (program and data).
- On-board file preview.
- seconds

#### Reliable and Robust

Based on an already field-proven instrument case, the NORTEC 600 is built for endurance in harsh field conditions. Its casing's durability and resistance to extreme weather makes the NORTEC 600 an instrument you can trust for any eddy current inspection job.

**EVIDENT**



## Dolphitech : Dolphicam2

Dolphitech is recognised worldwide for high-quality and high-definition ultrasonic Non destructive testing products, utilising unbeatable matrix imaging NDT technology to inspect and detect damage, degradation, and defects in mission-critical assets across various industries.

### Superior Digital Technology

About a decade ago, dolphitech, introduced the Matrix Array Ultrasonic Testing (MAUT) which is a row-column (2D Array) transducer principle. After a decade in the industry, MAUT has grown to be an accepted alternative ultrasound technology.

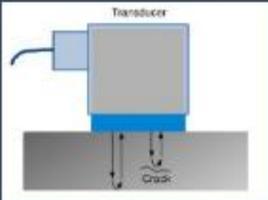
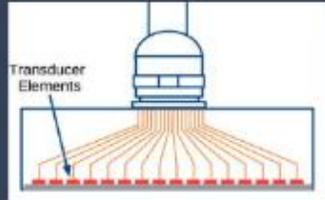
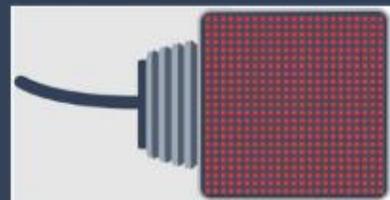
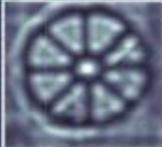
The dolphicam2 MAUT platform can be used for a wide range of materials and NDT applications. One of Dolphitech's main markets is the composite industry



MAUT Imaging



## Different Ultrasound Technologies

UT Ultrasound Testing Single Element	PAUT Phased Array Ultrasound Testing 1D-Array	MAUT Matrix Array Ultrasound Testing 2D-Array
		
<p>A-scan</p> 	<p>B-scan (Cross Section)</p> 	<p>C-scan</p>  <p>3D Volume Data</p> 



## What Nidetronix does best?

### Application Solution

We have the expertise to solve tough application for various types of NDT :-

#### Ultrasonic Thickness Gaging:-

- Corrosion inspection in maintenance
- Precision thickness gaging in manufacturing
- Oxide Scale in power plants
- Encoded B-Scan for corrosion inspection in maintenance
- Measurement of paint coated metal pipes by ignoring the paint
- Multi layer-thickness measurement in metals and non metals
- High temperature thickness measurement
- Thickness measurement in Non Metals for e.g. Rubber, Ceramic, Composites, Glass, Plastics.

#### Ultrasonic Flaw Detection, Phased Array, TFMi, Matrix Array Solutions:-

- Manufacturing
  - Forgings
  - Castings
  - Automotive Spot Welds
  - Complex automotive parts
  - Pipes
  - Tubes
  - Weld Inspection
  - Composite
- Maintenance
  - Weld Inspection
  - Corrosion
  - Composite
  - Bolt Inspection

#### Eddy Current Testing:-

- Surface and subsurface flaw detectio in non-ferromagnetic material like Aluminum, Titanium
- Open to Surface flaw detection in welds
- Rotary inspection in bolt holes
- Tube Inspection

### Operational Training

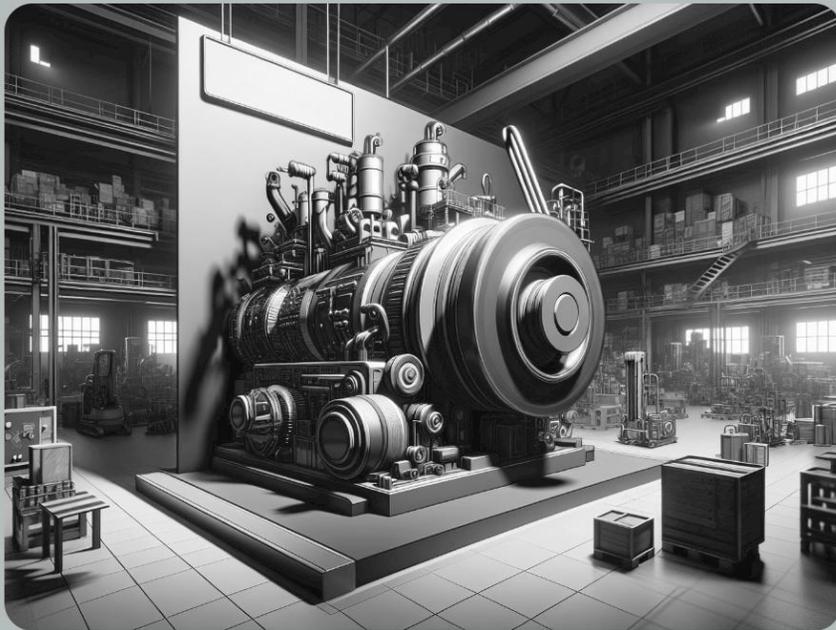
We have a decasde long eperience in providing operational training in Olympus, Sonatest, GE Inspection Technologies equipment.

We provide operational training of ultrasonic testing and eddy current testing equipment at your site on your application.



**Nidetronix**  
Powering Industrial Innovation

[Contact us](#)



## Guiding your business through the project

Connect with us to unlock a world of limitless possibilities and embark on credible solutions that combines passion, purpose, and pioneering technology. Together, we will make a lasting impact on industries, one solution at a time.

[Contact us](#)

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