



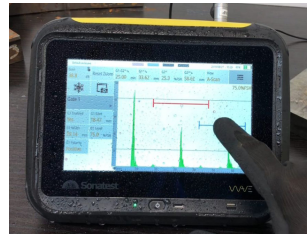
SONATEST WAVE

Portable ultrasonic flaw detector for non-destructive testing of complex structures, weld inspections and more



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Next generation technology at your fingertips. The SONATEST WAVE 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 customizable interface also optimizes the daily workflow, and a unique and embedded interactive scan plan, with ray-tracing capability, simulation tools and CAD import capability, 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.

Manage Your Wave with the Wave Companion

The WAVE Companion software offers an environment where dedicated predefined applications setups are created and uploaded to WAVE platform.

Once created, the new app setups are transferred and installed on the unit via wired (USB-C / ethernet) or wireless network. The default app allows access to all functionalities and features where the user can modify the entire settings.

Import Custom Parts

The WAVE can import a custom part in the interactive scan plan. This feature enables the user to visualize sound propagation in complex geometries. All the benefit of the Interactive Scan Plan remains with the addition of removing the limitations that come with predefined parts.

Application Concept

The WAVE application concept combines conformity and performance which allows the operator to customize the user interface according to their specific procedure. The intuitive user interface with an easy to use display will guarantee workflow optimization as well as preventing potential operational errors.

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 ultrasonic couplant and finger.

YOUR ADVANTAGES AT A GLANCE

Interactive Scan Plan

Application based concept (up to 50 Apps)

High processing power

Intelligent touch screen

Advanced diagnostic tools

Easy to use

Rugged components for harsh conditions

TECHNICAL INFORMATION

DISPLAY:	7.0" Multi-touch LCD TFT, 1024 × 600, readable in sunlight Touch Panel Sensitivity mode switch (Glove/Normal)
IP RATING:	IP 67
WEIGHT:	1,7 kg (battery included)
DIMENSIONS:	222 mm (L) × 172 mm (W) × 66mm (H)
TEMPERATURE:	-10 °C to +45 °C
OPERATION:	On battery (~10 h) or external power
STORAGE:	16 GB
UT PORTS:	1 TX/RC – 1 RX
UT CONNECTORS:	LEMO 1 or BNC
PULSER TYPE:	Square Wave (negative pulse)
PULSE WIDTH:	Adjustable – 50 ns to 1 us



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