

Global Ultrasonic Flaw Detector Market Study 2015-2025, by Segment (Conventional Ultrasonic Flaw instruments, Phased Array Ultrasonic Flaw Detector, TOFD Ultrasonic Flaw Detector), by Market (Energy, Aerospace Phased Array Ultrasonic Flaw Detector, Oil & Gas), by Company (GE Measurement & Control(US), Olympus(Japan), Sonatest(UK))

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Abstracts

Snapshot

Phased array is an advanced ultrasonic NDT method used to detect component failures such as cracks or flaws and determine component quality. The primary methods for ultrasonic flaw sizing and crack sizing include five methods such as Amplitude, dB drop, Phased Array, Time of Flight diffraction and Multiple-wave mode etc. Contemporary ultrasonic flaw detectors are small, portable, microprocessor-based instruments suitable for both shop and field use. They generate and display an ultrasonic waveform that enables a trained operator to locate and categorize flaws in test pieces, often with the aid of analysis software. They typically include an ultrasonic pulser/receiver, hardware and software for signal capture and analysis, a waveform display, and a data logging module. Most contemporary instruments use digital signal processing for optimum stability and precision.

The global Ultrasonic Flaw Detector market will reach xxx Million USD in 2018 and with a CAGR of xx% between 2019-2025.

Product Type Coverage (Market Size & Forecast, Major Company of Product Type etc.):

Conventional Ultrasonic Flow instruments

Phased Array Ultrasonic Flow Detector

TOFD Ultrasonic Flow Detector

Demand Coverage (Market Size & Forecast, Consumer Distribution):

Energy

Aerospace

Oil & Gas

Manufacturing and Machinery

Automotive

Railways

Company Coverage (Sales data, Main Products & Services etc.):

GE Measurement & Control(US)

Olympus(Japan)

Sonatest(UK)

Sonotron NDT(Israel)

Karldeutsch(Germany)

Proceq(Swiss)

Zetec(US)

Kropus(Russia)

Centurion NDT(US)

Nova Instruments(NDT Systems)(US)

Hitachi Power Solutions(Japan)

Modsonic(India)

RYOSHO(Japan)

KJTD(Japan)

Novotest(Ukraine)

Dakota Ultrasonics(US)

Mitech(China)

Siui(China)

Nantong YouLian(China)

Doppler(China)

Suzhou Fuerte(China)

Kairda(China)

Testech Group(China)

Major Region Market

North America

Europe

Asia-Pacific

South America

Middle East & Africa

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