

2017-2025 World Ultrasonic Flaw Detector Market Research Report (by Product Type, End-User/Application and Regions/Countries)

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Abstracts

SUMMARY

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.

This report includes market status and forecast of global and major regions, with introduction of vendors, regions, product types and end industries; and this report counts product types and end industries in global and major regions.

The report includes as follows:

The report provides current data, historical overview and future forecast.

The report includes an in-depth analysis of the Global market for Ultrasonic Flaw Detector , covering Global total and major region markets.

The data of 2017-2025 are included. All-inclusive market are given through data on sales, consumption, and prices (Global total and by major regions).

The report provides introduction of leading Global manufacturers. Ultrasonic Flaw Detector market prospects to 2025 are included (in sales, consumption and price).

Market Segment as follows:

By Region / Countries

North America (U.S., Canada, Mexico)

Europe (Germany, U.K., France, Italy, Russia, Spain etc)

Asia-Pacific (China, India, Japan, Southeast Asia etc)

South America (Brazil, Argentina etc)

Middle East & Africa (Saudi Arabia, South Africa etc)

By Type

Conventional Ultrasonic Flaw instruments

Phased Array Ultrasonic Flaw Detector

TOFD Ultrasonic Flaw Detector

By End-User / Application

Energy

Aerospace

Oil & Gas

Manufacturing and Machinery

Automotive

Railways

By Company

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)

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