

2018 Top 5 Ultrasonic Flaw Detector Players in North America, Europe, Asia-Pacific, South America, Middle East and Africa

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Abstracts

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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.

Currently the global Ultrasonic Flaw Detector market is being dominated by few players like GE Measurement & Control(US), Olympus(Japan), Sonatest(UK), Sonotron NDT(Israel), Karldeusch(Germany), Proceq(Swiss), Zetec(US), RYOSHO(Japan) KJTD(Japan) and Dakota Ultrasonics(US); there are also many manufacturers located in China, but they now produce and sell the low-end products, like Mitech(China), Siui(China), Nantong YouLian(China), Doppler(China), Suzhou Fuerte(China), Kairda(China) and Testech Group(China) etc.

Geographically, North America and Europe are dominating the market; Asia-Pacific is the fastest-growing regions, driven by the demand from China, India and Southeast Asia. And currently, the Asia-Pacific market is dominated by the giants like GE, Olympus, Sonatest, Sonotron NDT, Karldeusch, Proceq, Zetec, NDT Systems, RYOSHO and KJTD.

Over the next five years, LPI(LP Information) projects that Ultrasonic Flaw Detector will register a 3.1% CAGR in terms of revenue, reach US\$ 320 million by 2023, from US\$ 270 million in 2017.

This report studies the global market, especially in North America, Europe, Asia-Pacific, South America, Middle East and Africa, focuses on the top 5 players in each region, with sales, price, revenue and market share from 2013 to 2018, the top players:

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)

Market Segment by Regions, this report splits Global into several key Regions, with sales, revenue, market share of top players in these regions, from 2013 to 2018 (forecast), like

North America (United States, Canada and Mexico)

Asia-Pacific (China, Japan, Southeast Asia, India and Korea)

Europe (Germany, UK, France, Italy and Russia etc.)

South America (Brazil, Chile, Peru and Argentina)

Middle East and Africa (Egypt, South Africa, Saudi Arabia)

Split by Product Types, with sales, revenue, price, market share of each type, can be divided into

Conventional Ultrasonic Flaw instruments

Phased Array Ultrasonic Flaw Detector

TOFD Ultrasonic Flaw Detector

Split by applications, this report focuses on sales, market share and growth rate in each application, can be divided into

Energy

Aerospace

Oil & Gas

Manufacturing and Machinery

Automotive

Railways

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