

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) Ultrasonic Flaw Detector Market 2018, Forecast to 2023

<https://marketpublishers.com/r/G7E06D115DCEN.html>

Date: July 2018

Pages: 146

Price: US\$ 4,880.00 (Single User License)

ID: G7E06D115DCEN

Abstracts

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.

Scope of the Report:

This report focuses on the Ultrasonic Flaw Detector in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

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, Karldeutsch, Proceq, Zetec, NDT Systems, RYOSHO and KJTD.

The worldwide market for Ultrasonic Flaw Detector is expected to grow at a CAGR of roughly 3.1% over the next five years, will reach 320 million US\$ in 2023, from 270 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

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, regional analysis covers

North America (United States, Canada and Mexico)

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

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

South America (Brazil, Argentina, Colombia etc.)

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

Market Segment by Type, covers

Conventional Ultrasonic Flaw instruments

Phased Array Ultrasonic Flaw Detector

TOFD Ultrasonic Flaw Detector

Market Segment by Applications, can be divided into

Energy

Aerospace

Oil & Gas

Manufacturing and Machinery

Automotive

Railways

There are 15 Chapters to deeply display the global Ultrasonic Flaw Detector market. Chapter 1, to describe Ultrasonic Flaw Detector Introduction, product scope, market overview, market opportunities, market risk, market driving force; Chapter 2, to analyze the top manufacturers of Ultrasonic Flaw Detector, with sales, revenue, and price of Ultrasonic Flaw Detector, in 2016 and 2017; Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017; Chapter 4, to show the global market by regions, with sales, revenue and market share of Ultrasonic Flaw Detector, for each region, from 2013 to 2018; Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions; Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018; Chapter 12, Ultrasonic Flaw Detector market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023; Chapter 13, 14 and 15, to describe Ultrasonic Flaw Detector sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source

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