

X-Ray Defect Inspection for Semiconductor Market, Global Outlook and Forecast 2022-2028

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Abstracts

X-ray inspection is a non-destructive technique that provides detailed information about the internal structure of a component without taking it apart. X-rays penetrate most components easily but are attenuated by the density of the materials. This results in shadow on the detector clearly showing the outlines of all internal features of the sample. The x-ray source type and detector determine the ultimate resolution of the image.

This report contains market size and forecasts of X-Ray Defect Inspection for Semiconductor in Global, including the following market information:

Global X-Ray Defect Inspection for Semiconductor Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global top five companies in 2021 (%)

The global X-Ray Defect Inspection for Semiconductor market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

X-ray Diffraction Imaging (XRF) Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of X-Ray Defect Inspection for Semiconductor include

Bruker, Insight Analytical Labs (IAL), Nikon, Rigaku, Viscom, KLA, CyberOptics, Camtek and Onto Innovation, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the X-Ray Defect Inspection for Semiconductor companies, and industry experts on this industry, involving the revenue, demand, product type, recent developments and plans, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global X-Ray Defect Inspection for Semiconductor Market, by Type, 2017-2022, 2023-2028 (\$ millions)

Global X-Ray Defect Inspection for Semiconductor Market Segment Percentages, by Type, 2021 (%)

X-ray Diffraction Imaging (XRDI)

Broadband Plasma Patterned

e-Beam Patterned

Others

Global X-Ray Defect Inspection for Semiconductor Market, by Application, 2017-2022, 2023-2028 (\$ millions)

Global X-Ray Defect Inspection for Semiconductor Market Segment Percentages, by Application, 2021 (%)

Impurity Analysis

Solder Joint inspection

Others

Global X-Ray Defect Inspection for Semiconductor Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions)

Global X-Ray Defect Inspection for Semiconductor Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies X-Ray Defect Inspection for Semiconductor revenues in global market, 2017-2022 (estimated), (\$ millions)

Key companies X-Ray Defect Inspection for Semiconductor revenues share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Bruker

Insight Analytical Labs (IAL)

Nikon

Rigaku

Viscom

KLA

CyberOptics

Camtek

Onto Innovation

TWI

Nordson

Unicomp Technology

SEC

YXLON

SKAI

KENSHO

Excel Technologies

Retronix

COGNEX

North Star Imaging

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