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Global Surface Defect Detection System Market Growth 2024-2030

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Abstracts

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Surface Defect Detection System is a system that uses advanced machine vision inspection technology to detect various defects on the surface of workpieces. It can identify and judge defects such as spots, pits, scratches, color differences, and defects on the surface of the workpiece to ensure product quality and production efficiency.

The global Surface Defect Detection System market size is projected to grow from US$ 1155 million in 2024 to US$ 1821 million in 2030; it is expected to grow at a CAGR of 7.9% from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the “Surface Defect Detection System Industry Forecast” looks at past sales and reviews total world Surface Defect Detection System sales in 2023, providing a comprehensive analysis by region and market sector of projected Surface Defect Detection System sales for 2024 through 2030. With Surface Defect Detection System sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US$ millions of the world Surface Defect Detection System industry.

This Insight Report provides a comprehensive analysis of the global Surface Defect Detection System landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Surface Defect Detection System portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms’ unique position in an accelerating global Surface Defect Detection System market.

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This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Surface Defect Detection System and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Surface Defect Detection System.

Surface Inspection Equipment report published by QYResearch reveals that COVID-19 and Russia-Ukraine War impacted the market dually in 2022. Global Surface Inspection Equipment market is projected to reach US$ 3962 million in 2029, increasing from US$ 2276.3 million in 2022, with the CAGR of 7.9% during the period of 2023 to 2029. Demand from Chemical Material and Automotive are the major drivers for the industry.

This report presents a comprehensive overview, market shares, and growth opportunities of Surface Defect Detection System market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Based on Image Processing

Based on NDT

Segmentation by Application:

Chemical Material

Automotive

Semiconductors and Electronics

Others

This report also splits the market by region:

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- Americas
  - United States
  - Canada
  - Mexico
  - Brazil
- APAC
  - China
  - Japan
  - Korea
  - Southeast Asia
  - India
  - Australia
- Europe
  - Germany
  - France
  - UK
  - Italy
  - Russia
- Middle East & Africa
  - Egypt

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South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

AMETEK

Nordson

Vitronic GmbH

Omron

IMS Messsysteme GmbH

ISRA VISION AG

Synergx

Perceptron

Inovision

Dark Field Technologies

Hitachi High-Tech

Baumer Inspection

Icemi

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AUTIS Engineering

ZEISS

KLA-Tencor

TSI Incorporated

ZUMBACH Electronic AG

Suzhou TZTEK Technology

Taymer

Radiant Vision Systems

PIXARGUS GmbH

EPIC Systems, Inc.

Accure, Inc.

Key Questions Addressed in this Report

What is the 10-year outlook for the global Surface Defect Detection System market?

What factors are driving Surface Defect Detection System market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Surface Defect Detection System market opportunities vary by end market size?

How does Surface Defect Detection System break out by Type, by Application?

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