

# Global GaN Wafer Inspection and Review System Market Growth 2024-2030

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## Abstracts

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Gallium nitride (GaN) is used as the wide band gap material for next generation power semiconductors and high frequency devices. The GaN wafer inspection market is expected to grow significantly, driven by advancements in inspection technologies and the increasing demand for high-performance GaN-based devices. Innovations in automated inspection systems, AI, and machine learning will further enhance the efficiency and accuracy of wafer inspections, reducing manufacturing costs and improving yield rates.

The global GaN Wafer Inspection and Review System market size is projected to grow from US\$ 243 million in 2024 to US\$ 633 million in 2030; it is expected to grow at a CAGR of 17.3% from 2024 to 2030.

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

This Insight Report provides a comprehensive analysis of the global GaN Wafer Inspection and Review 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 GaN Wafer Inspection and Review System portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global GaN Wafer Inspection and Review System market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for GaN Wafer Inspection and Review 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 GaN Wafer Inspection and Review System.

United States market for GaN Wafer Inspection and Review System is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for GaN Wafer Inspection and Review System is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for GaN Wafer Inspection and Review System is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key GaN Wafer Inspection and Review System players cover KLA Corporation, Lasertec, Nanotronics, TASMITECH, Inc. (Toray Engineering), Bruker, etc. In terms of revenue, the global two largest companies occupied for a share nearly

% in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of GaN Wafer Inspection and Review System market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

#### GaN Patterned Inspection System

## GaN Unpatterned Inspection System

### Segmentation by Application:

GaN RF

GaN Power

HB GaN LED

### This report also splits the market by region:

#### Americas

United States

Canada

Mexico

Brazil

#### APAC

China

Japan

Korea

Southeast Asia

India

Australia

## Europe

Germany

France

UK

Italy

Russia

## Middle East & Africa

Egypt

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.

KLA Corporation

Lasertec

Nanotronics

TASMIT, Inc. (Toray Engineering)

Bruker

LAZIN CO.,LTD

EtaMax

Screen

Tokyo Electron Ltd. (TEL)

confoviz GmbH

Angkun Vision (Beijing) Technology

Shenzhen Glint Vision

#### Key Questions Addressed in this Report

What is the 10-year outlook for the global GaN Wafer Inspection and Review System market?

What factors are driving GaN Wafer Inspection and Review System market growth, globally and by region?

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

How do GaN Wafer Inspection and Review System market opportunities vary by end market size?

How does GaN Wafer Inspection and Review System break out by Type, by Application?

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