

Non-Dispersive Infrared Sensing Market Report: Trends, Forecast and Competitive Analysis to 2030

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Abstracts

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Non-Dispersive Infrared Sensing Trends and Forecast

The future of the global non-dispersive infrared sensing market looks promising with opportunities in the automotive, chemicals, oil & gas, medical, industrial & manufacturing, and food processing & storage markets. The global non-dispersive infrared sensing market is expected to reach an estimated \$1.5 billion by 2030 with a CAGR of 6.7% from 2024 to 2030. The major drivers for this market are growing demand for accurate and reliable gas detection solutions, increasing need for continuous monitoring of greenhouse gas, and rising consciousness of the harmful impacts of air pollution on human health.

A more than 150-page report is developed to help in your business decisions. Sample figures with some insights are shown below.

Non-Dispersive Infrared Sensing by Segment

The study includes a forecast for the global non-dispersive infrared sensing by gas type, application, end use, and region.

Non-Dispersive Infrared Sensing Market by Gas Type [Shipment Analysis by Value from 2018 to 2030]:

Carbon Dioxide

Hydrocarbons

Carbon Monoxide

Ethylene

Anesthetic Gases

Others

Non-Dispersive Infrared Sensing Market by Application [Shipment Analysis by Value from 2018 to 2030]:

HVAC

Monitoring

Detection & Analysis

Others

Non-Dispersive Infrared Sensing Market by End Use [Shipment Analysis by Value from 2018 to 2030]:

Automotive

Chemicals

Oil & Gas

Medical

Industrial & Manufacturing

Food Processing & Storage

Others

Non-Dispersive Infrared Sensing Market by Region [Shipment Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

List of Non-Dispersive Infrared Sensing Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. With these strategies non-dispersive infrared sensing companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the non-dispersive infrared sensing companies profiled in this report include-

Amphenol

Honeywell International

Senseair

S+S Regeltechnik

Dynament

MIPEX TECHNOLOGY

Gas Sensing Solutions

Nano Environmental Technology

Zhengzhou Winsen Electronics Technology

ELT Sensor

Non-Dispersive Infrared Sensing Market Insights

Lucintel forecasts that detection & analysis is expected to witness the highest growth over the forecast period.

Within this market, industrial & manufacturing is expected to witness the highest growth over the forecast period.

North America will remain the largest region over the forecast period.

Features of the Global Non-Dispersive Infrared Sensing Market

Market Size Estimates: Non-dispersive infrared sensing market size estimation in terms of value (\$B).

Trend and Forecast Analysis: Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

Segmentation Analysis: Non-dispersive infrared sensing market size by gas type, application, end use, and region in terms of value (\$B).

Regional Analysis: Non-dispersive infrared sensing market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different gas types, applications, end uses, and regions for the non-dispersive infrared sensing market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the non-dispersive infrared sensing market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

FAQ

Q1. What is the non-dispersive infrared sensing market size?

Answer: The global non-dispersive infrared sensing market is expected to reach an estimated \$1.5 billion by 2030.

Q2. What is the growth forecast for non-dispersive infrared sensing market?

Answer: The global non-dispersive infrared sensing market is expected to grow with a CAGR of 6.7% from 2024 to 2030.

Q3. What are the major drivers influencing the growth of the non-dispersive infrared sensing market?

Answer: The major drivers for this market are growing demand for accurate and reliable gas detection solutions, increasing need for continuous monitoring of greenhouse gas, and rising consciousness of the harmful impacts of air pollution on human health.

Q4. What are the major segments for non-dispersive infrared sensing market?

Answer: The future of the non-dispersive infrared sensing market looks promising with opportunities in the automotive, chemicals, oil & gas, medical, industrial & manufacturing, and food processing & storage markets.

Q5. Who are the key non-dispersive infrared sensing market companies?

Answer: Some of the key non-dispersive infrared sensing companies are as follows:

Amphenol

Honeywell International

Senseair

S+S Regeltechnik

Dynament

MIPEX TECHNOLOGY

Gas Sensing Solutions

Nano Environmental Technology

Zhengzhou Winsen Electronics Technology

ELT Sensor

Q6. Which non-dispersive infrared sensing market segment will be the largest in future?

Answer: Lucintel forecasts that detection & analysis is expected to witness the highest growth over the forecast period.

Q7. In non-dispersive infrared sensing market, which region is expected to be the largest in next 5 years?

Answer: North America will remain the largest region over the forecast period.

Q.8 Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% customization without any additional cost.

This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the non-dispersive infrared sensing market by gas type (carbon dioxide, hydrocarbons, carbon monoxide, ethylene, anesthetic gases, and others), application (HVAC, monitoring, detection & analysis, and others), end use (automotive, chemicals, oil & gas, medical, industrial & manufacturing, food processing & storage, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

For any questions related to Non-Dispersive Infrared Sensing Market, Non-Dispersive Infrared Sensing Market Size, Non-Dispersive Infrared Sensing Market Growth, Non-Dispersive Infrared Sensing Market Analysis, Non-Dispersive Infrared Sensing Market Report, Non-Dispersive Infrared Sensing Market Share, Non-Dispersive Infrared Sensing Market Trends, Non-Dispersive Infrared Sensing Market Forecast, Non-Dispersive Infrared Sensing Companies, write Lucintel analyst at email: helpdesk@lucintel.com. We will be glad to get back to you soon.

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