

# Global NDIR Gas Sensor Elements Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global NDIR Gas Sensor Elements market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

NDIR gas sensor elements have the advantages of fast response, not affected by factors such as humidity and temperature, high accuracy, and wide application.

NDIR gas sensor elements make up the electronic components of the NDIR gas sensor. NDIR gas sensors use the characteristics of substances to absorb infrared light of specific wavelengths to measure gas concentration. The signal processing circuit converts the detected light intensity changes into electrical signals related to gas concentration.

This report studies the global NDIR Gas Sensor Elements production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for NDIR Gas Sensor Elements, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of NDIR Gas Sensor Elements that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global NDIR Gas Sensor Elements total production and demand, 2018-2029, (Units)

Global NDIR Gas Sensor Elements total production value, 2018-2029, (USD Million)

Global NDIR Gas Sensor Elements production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global NDIR Gas Sensor Elements consumption by region & country, CAGR, 2018-2029 & (Units)

U.S. VS China: NDIR Gas Sensor Elements domestic production, consumption, key domestic manufacturers and share

Global NDIR Gas Sensor Elements production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Units)

Global NDIR Gas Sensor Elements production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global NDIR Gas Sensor Elements production by Application production, value, CAGR, 2018-2029, (USD Million) & (Units).

This reports profiles key players in the global NDIR Gas Sensor Elements market based on the following parameters – company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Asahi Kasei Microdevices Corporation (AKM), Nichia Corporation, Kingbright Electronic, OSRAM Opto Semiconductors GmbH, Epistar Corporation, Everlight Electronics, High Power Lighting Corporation, EPILEDs and Onsemi, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World NDIR Gas Sensor Elements market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the

forecast year.

#### Global NDIR Gas Sensor Elements Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global NDIR Gas Sensor Elements Market, Segmentation by Type

Infrared LED

Infrared Photodiode

LED Driver Built-in IC

Others

#### Global NDIR Gas Sensor Elements Market, Segmentation by Application

NDIR CO<sub>2</sub> Sensors

NDIR Methane (CH<sub>4</sub>) Gas Sensors

NDIR CO Sensors

NDIR Propane Gas Sensors

NDIR Refrigerant Gases Sensors

NDIR Ethylene Gases Sensors

Others

Companies Profiled:

Asahi Kasei Microdevices Corporation (AKM)

Nichia Corporation

Kingbright Electronic

OSRAM Opto Semiconductors GmbH

Epistar Corporation

Everlight Electronics

High Power Lighting Corporation

EPILEDs

Onsemi

Koninklijke Philips N.V.

Lextar Electronics Corporation

First-sensor

Hamamatsu

Kyosemi Corporation

Luna

Excelitas

OSI Optoelectronics

Edmund Optics

GCS

SiFotonics

Rohm Semiconductor

NXP Semiconductors

Analog Devices

Wah Hing Transformer

AMS

TI Semiconductor

Maxim Integrated

Toshiba

Atmel

## Key Questions Answered

1. How big is the global NDIR Gas Sensor Elements market?
2. What is the demand of the global NDIR Gas Sensor Elements market?
3. What is the year over year growth of the global NDIR Gas Sensor Elements market?

4. What is the production and production value of the global NDIR Gas Sensor Elements market?

5. Who are the key producers in the global NDIR Gas Sensor Elements market?

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