

Global Ammonia (NH₃) Monitors Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Ammonia (NH₃) Monitors market size is expected to reach \$ 2132 million by 2032, rising at a market growth of 7.6% CAGR during the forecast period (2026-2032).

In 2025, global Ammonia (NH₃) Monitors production reached approximately 1.2 million units, with an average global market price of around US\$ 1000 per unit. Annual production capacity is 1.6 million units. Gross Profit Margin: 35%. Ammonia (NH₃) monitors are gas detection instruments designed to continuously or periodically measure ammonia concentration in air or process gases. The ammonia (NH₃) monitor industry chain includes sensor and component suppliers, device manufacturers, and distributors delivering monitors to industries like chemical, fertilizer, refrigeration, and environmental monitoring, supported by installation, maintenance, and analytics services. Ammonia (NH₃) monitors are essential safety and compliance tools in any environment handling ammonia.

This report studies the global Ammonia (NH₃) Monitors production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Ammonia (NH₃) Monitors and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Ammonia (NH₃) Monitors that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Ammonia (NH₃) Monitors total production and demand, 2021-2032, (K Units)

Global Ammonia (NH3) Monitors total production value, 2021-2032, (USD Million)

Global Ammonia (NH3) Monitors production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Ammonia (NH3) Monitors consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Ammonia (NH3) Monitors domestic production, consumption, key domestic manufacturers and share

Global Ammonia (NH3) Monitors production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Ammonia (NH3) Monitors production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Ammonia (NH3) Monitors production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Ammonia (NH3) Monitors 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 Honeywell International Inc. (USA), Drägerwerk AG & Co. KGaA (Germany), MSA Safety Incorporated (USA), Industrial Scientific Corporation (USA), Sensidyne, LP (USA), Crowcon Detection Instruments Ltd. (UK), Alphasense Limited (UK), City Technology Ltd. (UK), Figaro Engineering Inc. (Japan), RKI Instruments, Inc. (USA), 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 Ammonia (NH3) Monitors market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$

Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Ammonia (NH₃) Monitors Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Ammonia (NH₃) Monitors Market, Segmentation by Type:

Electrochemical Sensors

Infrared (IR) / NDIR Sensors

Photoacoustic / Laser Sensors

Semiconductor / MOS Sensors

Global Ammonia (NH₃) Monitors Market, Segmentation by Deployment Mode:

Standalone Systems

Networked / IoT-Connected Systems

Cloud-Integrated or Edge-AI Enabled Systems

Global Ammonia (NH₃) Monitors Market, Segmentation by Application:

Industrial & Manufacturing

Government & Environmental Agencies

Healthcare & Research Institutions

Utilities & Energy Sector

Companies Profiled:

Honeywell International Inc. (USA)

Drägerwerk AG & Co. KGaA (Germany)

MSA Safety Incorporated (USA)

Industrial Scientific Corporation (USA)

Sensidyne, LP (USA)

Crowcon Detection Instruments Ltd. (UK)

Alphasense Limited (UK)

City Technology Ltd. (UK)

Figaro Engineering Inc. (Japan)

RKI Instruments, Inc. (USA)

Emerson Electric Co. (USA)

Siemens AG (Germany)

Aeroqual Ltd. (New Zealand)

Interscan Corporation (USA)

Nanjing Aiyi Technology Co., Ltd. (China)

Shenzhen Yuante Technology Co., Ltd. (China)

Key Questions Answered:

1. How big is the global Ammonia (NH₃) Monitors market?
2. What is the demand of the global Ammonia (NH₃) Monitors market?
3. What is the year over year growth of the global Ammonia (NH₃) Monitors market?
4. What is the production and production value of the global Ammonia (NH₃) Monitors market?
5. Who are the key producers in the global Ammonia (NH₃) Monitors market?
6. What are the growth factors driving the market demand?

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