

Global Chemical Sensors Competitive Landscape Professional Research Report 2025

<https://marketpublishers.com/r/CDBBF012D4A4EN.html>

Date: June 2025

Pages: 165

Price: US\$ 3,500.00 (Single User License)

ID: CDBBF012D4A4EN

Abstracts

Market Overview

According to DIResearch's in-depth investigation and research, the global Chemical Sensors market size will reach 31,669 Million USD in 2025 and is projected to reach 48,282 Million USD by 2032, with a CAGR of 6.21% (2025-2032). Notably, the China Chemical Sensors market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

Research Summary

Chemical sensors are specialized devices designed to detect and measure specific chemical substances or analytes present in gases, liquids, or solid materials. These sensors utilize various principles, such as chemical reactions, absorption, and catalytic reactions, to generate a signal or response proportional to the concentration of the target analyte. Chemical sensors find wide applications in diverse fields, including environmental monitoring, industrial processes, healthcare, and safety and security applications. They play a critical role in detecting and monitoring harmful gases, pollutants, or toxic substances, enabling early warning systems and ensuring a safe and healthy environment. Additionally, chemical sensors are vital tools in quality control, process optimization, and research, providing real-time and accurate information about chemical compositions and concentrations in different substances. The continuous development of chemical sensor technologies contributes to advancements in many industries, driving innovation and improving human well-being.

The major global manufacturers of Chemical Sensors include ABB, 3M, Emerson

Electric, BorgWarner, NGK SPARK PLUG (Niterra), Honeywell, Siemens, Xylem Inc, Thermo Fisher Scientific, Teledyne Technologies Incorporated, Industrial Scientific, Amphenol, DENSO Auto Parts, Nemoto, Intelligent Optical Systems, MSA Safety, etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of Chemical Sensors. Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major manufacturers, as well as the market status and trends of different product types and applications in the global Chemical Sensors market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the Chemical Sensors market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of Chemical Sensors industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Manufacturers of Chemical Sensors Include:

ABB

3M

Emerson Electric

BorgWarner

NGK SPARK PLUG (Niterra)

Honeywell

Siemens

Xylem Inc

Thermo Fisher Scientific

Teledyne Technologies Incorporated

Industrial Scientific

Amphenol

DENSO Auto Parts

Nemoto

Intelligent Optical Systems

MSA Safety

Chemical Sensors Product Segment Include:

Electrochemical Sensors

Optical Sensors

Semiconductor Sensors

Pellistor/Catalytic Bead Sensors

Others

Chemical Sensors Product Application Include:

Industrial

Environmental Monitoring

Medical

Homeland Security

Automotive

Others

Chapter Scope

Chapter 1: Product Research Range, Product Types and Applications, Market Overview, Market Situation and Trends

Chapter 2: Global Chemical Sensors Industry PESTEL Analysis

Chapter 3: Global Chemical Sensors Industry Porter's Five Forces Analysis

Chapter 4: Global Chemical Sensors Major Regional Market Size (Revenue, Sales, Price) and Forecast Analysis

Chapter 5: Global Chemical Sensors Market Size and Forecast by Type and Application Analysis

Chapter 6: North America Chemical Sensors Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries

Analysis)

Chapter 7: Europe Chemical Sensors Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 8: China Chemical Sensors Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 9: APAC (Excl. China) Chemical Sensors Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 10: Latin America Chemical Sensors Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 11: Middle East and Africa Chemical Sensors Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 12: Global Chemical Sensors Competitive Analysis of Key Manufacturers (Sales, Revenue, Market Share, Price, Regional Distribution and Industry Concentration)

Chapter 13: Key Company Profiles (Product Portfolio, Sales, Revenue, Price and Gross Margin)

Chapter 14: Industrial Chain Analysis, Include Raw Material Suppliers, Distributors and Customers

Chapter 15: Research Findings and Conclusion

Chapter 16: Methodology and Data Sources

Contents

1 CHEMICAL SENSORS MARKET OVERVIEW

- 1.1 Product Definition and Statistical Scope
- 1.2 Chemical Sensors Product by Type
 - 1.2.1 Electrochemical Sensors
 - 1.2.2 Optical Sensors
 - 1.2.3 Semiconductor Sensors
 - 1.2.4 Pellistor/Catalytic Bead Sensors
 - 1.2.5 Others
- 1.3 Chemical Sensors Product by Application
 - 1.3.1 Industrial
 - 1.3.2 Environmental Monitoring
 - 1.3.3 Medical
 - 1.3.4 Homeland Security
 - 1.3.5 Automotive
 - 1.3.6 Others
- 1.4 Global Chemical Sensors Market Revenue and Sales Analysis
 - 1.4.1 Global Chemical Sensors Revenue Market Size Analysis (2020-2032)
 - 1.4.2 Global Chemical Sensors Sales Market Size Analysis (2020-2032)
 - 1.4.3 Global Chemical Sensors Market Sales Price Trend Analysis (2020-2032)
- 1.5 Chemical Sensors Industry Trends and Innovation
 - 1.5.1 Chemical Sensors Industry Trends and Innovation
 - 1.5.2 Chemical Sensors Market Drivers and Challenges

2 CHEMICAL SENSORS MARKET PESTEL ANALYSIS

- 2.1 Political Factors Analysis
- 2.2 Economic Factors Analysis
- 2.3 Social Factors Analysis
- 2.4 Technological Factors Analysis
- 2.5 Environmental Factors Analysis
- 2.6 Legal Factors Analysis

3 CHEMICAL SENSORS MARKET PORTER'S FIVE FORCES ANALYSIS

- 3.1 Competitive Rivalry
- 3.2 Threat of New Entrants

- 3.3 Bargaining Power of Suppliers
- 3.4 Bargaining Power of Buyers
- 3.5 Threat of Substitutes

4 GLOBAL CHEMICAL SENSORS MARKET ANALYSIS BY REGIONS

- 4.1 Global Chemical Sensors Overall Market: 2024 VS 2025 VS 2032
- 4.2 Global Chemical Sensors Revenue and Forecast Analysis (2020-2032)
 - 4.2.1 Global Chemical Sensors Revenue and Market Share by Region (2020-2025)
 - 4.2.2 Global Chemical Sensors Revenue and Market Share Forecast by Region (2026-2032)
- 4.3 Global Chemical Sensors Sales and Forecast Analysis (2020-2032)
 - 4.3.1 Global Chemical Sensors Sales and Market Share by Region (2020-2025)
 - 4.3.2 Global Chemical Sensors Sales and Market Share Forecast by Region (2026-2032)
- 4.4 Global Chemical Sensors Sales Price Trend Analysis (2020-2032)

5 GLOBAL CHEMICAL SENSORS MARKET SIZE BY TYPE AND APPLICATION

- 5.1 Global Chemical Sensors Market Size by Type
 - 5.1.1 Global Chemical Sensors Revenue and Forecast Analysis by Type (2020-2032)
 - 5.1.2 Global Chemical Sensors Sales and Forecast Analysis by Type (2020-2032)
- 5.2 Global Chemical Sensors Market Size by Application
 - 5.2.1 Global Chemical Sensors Revenue and Forecast Analysis by Application (2020-2032)
 - 5.2.2 Global Chemical Sensors Sales and Forecast Analysis by Application (2020-2032)

6 NORTH AMERICA

- 6.1 North America Chemical Sensors Market Size and Growth Rate Analysis (2020-2032)
- 6.2 North America Key Manufacturers Analysis
- 6.3 North America Chemical Sensors Market Size by Type
 - 6.3.1 North America Chemical Sensors Sales by Type (2020-2032)
 - 6.3.2 North America Chemical Sensors Revenue by Type (2020-2032)
- 6.4 North America Chemical Sensors Market Size by Application
 - 6.4.1 North America Chemical Sensors Sales by Application (2020-2032)
 - 6.4.2 North America Chemical Sensors Revenue by Application (2020-2032)

6.5 North America Chemical Sensors Market Size by Country

6.5.1 US

6.5.2 Canada

7 EUROPE

7.1 Europe Chemical Sensors Market Size and Growth Rate Analysis (2020-2032)

7.2 Europe Key Manufacturers Analysis

7.3 Europe Chemical Sensors Market Size by Type

7.3.1 Europe Chemical Sensors Sales by Type (2020-2032)

7.3.2 Europe Chemical Sensors Revenue by Type (2020-2032)

7.4 Europe Chemical Sensors Market Size by Application

7.4.1 Europe Chemical Sensors Sales by Application (2020-2032)

7.4.2 Europe Chemical Sensors Revenue by Application (2020-2032)

7.5 Europe Chemical Sensors Market Size by Country

7.5.1 Germany

7.5.2 France

7.5.3 United Kingdom

7.5.4 Italy

7.5.5 Spain

7.5.6 Benelux

8 CHINA

8.1 China Chemical Sensors Market Size and Growth Rate Analysis (2020-2032)

8.2 China Key Manufacturers Analysis

8.3 China Chemical Sensors Market Size by Type

8.3.1 China Chemical Sensors Sales by Type (2020-2032)

8.3.2 China Chemical Sensors Revenue by Type (2020-2032)

8.4 China Chemical Sensors Market Size by Application

8.4.1 China Chemical Sensors Sales by Application (2020-2032)

8.4.2 China Chemical Sensors Revenue by Application (2020-2032)

9 APAC (EXCL. CHINA)

9.1 APAC (excl. China) Chemical Sensors Market Size and Growth Rate Analysis (2020-2032)

9.2 APAC (excl. China) Key Manufacturers Analysis

9.3 APAC (excl. China) Chemical Sensors Market Size by Type

- 9.3.1 APAC (excl. China) Chemical Sensors Sales by Type (2020-2032)
- 9.3.2 APAC (excl. China) Chemical Sensors Revenue by Type (2020-2032)
- 9.4 APAC (excl. China) Chemical Sensors Market Size by Application
 - 9.4.1 APAC (excl. China) Chemical Sensors Sales by Application (2020-2032)
 - 9.4.2 APAC (excl. China) Chemical Sensors Revenue by Application (2020-2032)
- 9.5 APAC (excl. China) Chemical Sensors Market Size by Country
 - 9.5.1 Japan
 - 9.5.2 South Korea
 - 9.5.3 India
 - 9.5.4 Australia
 - 9.5.5 Southeast Asia

10 LATIN AMERICA

- 10.1 Latin America Chemical Sensors Market Size and Growth Rate Analysis (2020-2032)
- 10.2 Latin America Key Manufacturers Analysis
- 10.3 Latin America Chemical Sensors Market Size by Type
 - 10.3.1 Latin America Chemical Sensors Sales by Type (2020-2032)
 - 10.3.2 Latin America Chemical Sensors Revenue by Type (2020-2032)
- 10.4 Latin America Chemical Sensors Market Size by Application
 - 10.4.1 Latin America Chemical Sensors Sales by Application (2020-2032)
 - 10.4.2 Latin America Chemical Sensors Revenue by Application (2020-2032)
- 10.5 Latin America Chemical Sensors Market Size by Country
- 10.6 Latin America Chemical Sensors Market Size by Country
 - 10.6.1 Mexico
 - 10.6.2 Brazil

11 MIDDLE EAST & AFRICA

- 11.1 Middle East & Africa Chemical Sensors Market Size and Growth Rate Analysis (2020-2032)
- 11.2 Middle East & Africa Key Manufacturers Analysis
- 11.3 Middle East & Africa Chemical Sensors Market Size by Type
 - 11.3.1 Middle East & Africa Chemical Sensors Sales by Type (2020-2032)
 - 11.3.2 Middle East & Africa Chemical Sensors Revenue by Type (2020-2032)
- 11.4 Middle East & Africa Chemical Sensors Market Size by Application
 - 11.4.1 Middle East & Africa Chemical Sensors Sales by Application (2020-2032)
 - 11.4.2 Middle East & Africa Chemical Sensors Revenue by Application (2020-2032)

11.5 Middle East Chemical Sensors Market Size by Country

11.5.1 Saudi Arabia

11.5.2 South Africa

12 COMPETITION BY MANUFACTURERS

12.1 Global Chemical Sensors Market Sales, Revenue and Price by Key Manufacturers (2021-2025)

12.1.1 Global Chemical Sensors Market Sales by Key Manufacturers (2021-2025)

12.1.2 Global Chemical Sensors Market Revenue by Key Manufacturers (2021-2025)

12.1.3 Global Chemical Sensors Average Sales Price by Manufacturers (2021-2025)

12.2 Chemical Sensors Competitive Landscape Analysis and Market Dynamic

12.2.1 Chemical Sensors Competitive Landscape Analysis

12.2.2 Global Key Manufacturers Headquarter Location and Key Area Sales

12.2.3 Market Dynamic

13 KEY COMPANIES ANALYSIS

13.1 ABB

13.1.1 ABB Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.1.2 ABB Chemical Sensors Product Portfolio

13.1.3 ABB Chemical Sensors Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.2 3M

13.2.1 3M Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.2.2 3M Chemical Sensors Product Portfolio

13.2.3 3M Chemical Sensors Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.3 Emerson Electric

13.3.1 Emerson Electric Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.3.2 Emerson Electric Chemical Sensors Product Portfolio

13.3.3 Emerson Electric Chemical Sensors Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.4 BorgWarner

13.4.1 BorgWarner Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

- 13.4.2 BorgWarner Chemical Sensors Product Portfolio
- 13.4.3 BorgWarner Chemical Sensors Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)
- 13.5 NGK SPARK PLUG (Niterra)
 - 13.5.1 NGK SPARK PLUG (Niterra) Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
 - 13.5.2 NGK SPARK PLUG (Niterra) Chemical Sensors Product Portfolio
 - 13.5.3 NGK SPARK PLUG (Niterra) Chemical Sensors Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)
- 13.6 Honeywell
 - 13.6.1 Honeywell Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
 - 13.6.2 Honeywell Chemical Sensors Product Portfolio
 - 13.6.3 Honeywell Chemical Sensors Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)
- 13.7 Siemens
 - 13.7.1 Siemens Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
 - 13.7.2 Siemens Chemical Sensors Product Portfolio
 - 13.7.3 Siemens Chemical Sensors Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)
- 13.8 Xylem Inc
 - 13.8.1 Xylem Inc Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
 - 13.8.2 Xylem Inc Chemical Sensors Product Portfolio
 - 13.8.3 Xylem Inc Chemical Sensors Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)
- 13.9 Thermo Fisher Scientific
 - 13.9.1 Thermo Fisher Scientific Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
 - 13.9.2 Thermo Fisher Scientific Chemical Sensors Product Portfolio
 - 13.9.3 Thermo Fisher Scientific Chemical Sensors Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)
- 13.10 Teledyne Technologies Incorporated
 - 13.10.1 Teledyne Technologies Incorporated Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
 - 13.10.2 Teledyne Technologies Incorporated Chemical Sensors Product Portfolio
 - 13.10.3 Teledyne Technologies Incorporated Chemical Sensors Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.11 Industrial Scientific

13.11.1 Industrial Scientific Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.11.2 Industrial Scientific Chemical Sensors Product Portfolio

13.11.3 Industrial Scientific Chemical Sensors Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.12 Amphenol

13.12.1 Amphenol Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.12.2 Amphenol Chemical Sensors Product Portfolio

13.12.3 Amphenol Chemical Sensors Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.13 DENSO Auto Parts

13.13.1 DENSO Auto Parts Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.13.2 DENSO Auto Parts Chemical Sensors Product Portfolio

13.13.3 DENSO Auto Parts Chemical Sensors Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.14 Nemoto

13.14.1 Nemoto Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.14.2 Nemoto Chemical Sensors Product Portfolio

13.14.3 Nemoto Chemical Sensors Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.15 Intelligent Optical Systems

13.15.1 Intelligent Optical Systems Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.15.2 Intelligent Optical Systems Chemical Sensors Product Portfolio

13.15.3 Intelligent Optical Systems Chemical Sensors Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.16 MSA Safety

13.16.1 MSA Safety Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.16.2 MSA Safety Chemical Sensors Product Portfolio

13.16.3 MSA Safety Chemical Sensors Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

14 INDUSTRY CHAIN ANALYSIS

- 14.1 Chemical Sensors Industry Chain Analysis
- 14.2 Chemical Sensors Industry Raw Material and Suppliers Analysis
 - 14.2.1 Chemical Sensors Key Raw Material Supply Analysis
 - 14.2.2 Raw Material Suppliers and Contact Information
- 14.3 Chemical Sensors Typical Downstream Customers
- 14.4 Chemical Sensors Sales Channel Analysis

15 RESEARCH FINDINGS AND CONCLUSION

16 METHODOLOGY AND DATA SOURCE

- 16.1 Methodology/Research Approach
- 16.2 Research Scope
- 16.3 Benchmarks and Assumptions
- 16.4 Data Source
 - 16.4.1 Primary Sources
 - 16.4.2 Secondary Sources
- 16.5 Data Cross Validation
- 16.6 Disclaimer

List Of Tables

LIST OF TABLES

Table 1: Global Chemical Sensors Market Size Growth Rate by Type, 2024 VS 2025 VS 2032 (US\$ Million)

Table 2: Global Chemical Sensors Market Size Growth Rate by Application, 2024 VS 2025 VS 2032 (US\$ Million)

Table 3: Chemical Sensors Industry Development Status

Table 4: Chemical Sensors Industry Development Trends

Table 5: Global Chemical Sensors Market Size by Region in US\$ Million: 2024 VS 2025 VS 2032

Table 6: Global Chemical Sensors Revenue by Region (2020-2025) & (US\$ Million)

Table 7: Global Chemical Sensors Revenue Market Share by Region (2020-2025)

Table 8: Global Chemical Sensors Revenue Forecast by Region (2026-2032) & (US\$ Million)

Table 9: Global Chemical Sensors Revenue Market Share Forecast by Region (2026-2032)

Table 10: Global Chemical Sensors Sales by Region (2020-2025) & (K Unit)

Table 11: Global Chemical Sensors Sales Market Share by Region (2020-2025)

Table 12: Global Chemical Sensors Sales Forecast by Region (2026-2032) & (K Unit)

Table 13: Global Chemical Sensors Sales Market Share Forecast by Region (2026-2032)

Table 14: Global Chemical Sensors Revenue Analysis by Type (2020-2025) & (US\$ Million)

Table 15: Global Chemical Sensors Revenue Analysis Forecast by Type (2026-2032) & (US\$ Million)

Table 16: Global Chemical Sensors Sales Analysis by Type (2020-2025) & (K Unit)

Table 17: Global Chemical Sensors Sales Analysis Forecast by Type (2026-2032) & (K Unit)

Table 18: Global Chemical Sensors Revenue Analysis by Application (2020-2025) & (US\$ Million)

Table 19: Global Chemical Sensors Revenue Analysis Forecast by Application (2026-2032) & (US\$ Million)

Table 20: Global Chemical Sensors Sales Analysis by Application (2020-2025) & (K Unit)

Table 21: Global Chemical Sensors Sales Analysis Forecast by Application (2026-2032) & (K Unit)

Table 22: Key Chemical Sensors Players in North America

Table 23: North America Chemical Sensors Sales by Type (2020-2025) & (K Unit)

Table 24: North America Chemical Sensors Sales by Type (2026-2032) & (K Unit)

Table 25: North America Chemical Sensors Revenue by Type (2020-2025) & (US\$ Million)

Table 26: North America Chemical Sensors Revenue by Type (2026-2032) & (US\$ Million)

Table 27: North America Chemical Sensors Sales by Application (2020-2025) & (K Unit)

Table 28: North America Chemical Sensors Sales by Application (2026-2032) & (K Unit)

Table 29: North America Chemical Sensors Revenue by Application (2020-2025) & (US\$ Million)

Table 30: North America Chemical Sensors Revenue by Application (2026-2032) & (US\$ Million)

Table 31: North America Chemical Sensors Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 32: North America Chemical Sensors Revenue Market Size by Country (2026-2032) & (US\$ Million)

Table 33: North America Chemical Sensors Sales Market Size by Country (2020-2025) & (K Unit)

Table 34: North America Chemical Sensors Sales Market Size by Country (2026-2032) & (K Unit)

Table 35: Key Chemical Sensors Players in Europe

Table 36: Europe Chemical Sensors Sales by Type (2020-2025) & (K Unit)

Table 37: Europe Chemical Sensors Sales by Type (2026-2032) & (K Unit)

Table 38: Europe Chemical Sensors Revenue by Type (2020-2025) & (US\$ Million)

Table 39: Europe Chemical Sensors Revenue by Type (2026-2032) & (US\$ Million)

Table 40: Europe Chemical Sensors Sales by Application (2020-2025) & (K Unit)

Table 41: Europe Chemical Sensors Sales by Application (2026-2032) & (K Unit)

Table 42: Europe Chemical Sensors Revenue by Application (2020-2025) & (US\$ Million)

Table 43: Europe Chemical Sensors Revenue by Application (2026-2032) & (US\$ Million)

Table 44: Europe Chemical Sensors Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 45: Europe Chemical Sensors Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 46: Europe Chemical Sensors Sales Market Size by Country (2020-2025) & (K Unit)

Table 47: Europe Chemical Sensors Sales Market Size Forecast by Country (2026-2032) & (K Unit)

- Table 48: Key Chemical Sensors Players in China
- Table 49: China Chemical Sensors Sales by Type (2020-2025) & (K Unit)
- Table 50: China Chemical Sensors Sales by Type (2026-2032) & (K Unit)
- Table 51: China Chemical Sensors Revenue by Type (2020-2025) & (US\$ Million)
- Table 52: China Chemical Sensors Revenue by Type (2026-2032) & (US\$ Million)
- Table 53: China Chemical Sensors Sales by Application (2020-2025) & (K Unit)
- Table 54: China Chemical Sensors Sales by Application (2026-2032) & (K Unit)
- Table 55: China Chemical Sensors Revenue by Application (2020-2025) & (US\$ Million)
- Table 56: China Chemical Sensors Revenue by Application (2026-2032) & (US\$ Million)
- Table 57: Key Chemical Sensors Players in APAC (excl. China)
- Table 58: APAC (excl. China) Chemical Sensors Sales by Type (2020-2025) & (K Unit)
- Table 59: APAC (excl. China) Chemical Sensors Sales by Type (2026-2032) & (K Unit)
- Table 60: APAC (excl. China) Chemical Sensors Revenue by Type (2020-2025) & (US\$ Million)
- Table 61: APAC (excl. China) Chemical Sensors Revenue by Type (2026-2032) & (US\$ Million)
- Table 62: APAC (excl. China) Chemical Sensors Sales by Application (2020-2025) & (K Unit)
- Table 63: APAC (excl. China) Chemical Sensors Sales by Application (2026-2032) & (K Unit)
- Table 64: APAC (excl. China) Chemical Sensors Revenue by Application (2020-2025) & (US\$ Million)
- Table 65: APAC (excl. China) Chemical Sensors Revenue by Application (2026-2032) & (US\$ Million)
- Table 66: APAC (excl. China) Chemical Sensors Revenue Market Size by Country (2020-2025) & (US\$ Million)
- Table 67: APAC (excl. China) Chemical Sensors Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)
- Table 68: APAC (excl. China) Chemical Sensors Sales Market Size by Country (2020-2025) & (K Unit)
- Table 69: APAC (excl. China) Chemical Sensors Sales Market Size Forecast by Country (2026-2032) & (K Unit)
- Table 70: Key Chemical Sensors Players in Latin America
- Table 71: Latin America Chemical Sensors Sales by Type (2020-2025) & (K Unit)
- Table 72: Latin America Chemical Sensors Sales by Type (2026-2032) & (K Unit)
- Table 73: Latin America Chemical Sensors Revenue by Type (2020-2025) & (US\$ Million)
- Table 74: Latin America Chemical Sensors Revenue by Type (2026-2032) & (US\$ Million)

- Table 75: Latin America Chemical Sensors Sales by Application (2020-2025) & (K Unit)
- Table 76: Latin America Chemical Sensors Sales by Application (2026-2032) & (K Unit)
- Table 77: Latin America Chemical Sensors Revenue by Application (2020-2025) & (US\$ Million)
- Table 78: Latin America Chemical Sensors Revenue by Application (2026-2032) & (US\$ Million)
- Table 79: Latin America Chemical Sensors Revenue Market Size by Country (2020-2025) & (US\$ Million)
- Table 80: Latin America Chemical Sensors Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)
- Table 81: Latin America Chemical Sensors Sales Market Size by Country (2020-2025) & (K Unit)
- Table 82: Latin America Chemical Sensors Sales Market Size Forecast by Country (2026-2032) & (K Unit)
- Table 83: Key Chemical Sensors Players in Middle East & Africa
- Table 84: Middle East & Africa Chemical Sensors Sales by Type (2020-2025) & (K Unit)
- Table 85: Middle East & Africa Chemical Sensors Sales by Type (2026-2032) & (K Unit)
- Table 86: Middle East & Africa Chemical Sensors Revenue by Type (2020-2025) & (US\$ Million)
- Table 87: Middle East & Africa Chemical Sensors Revenue by Type (2026-2032) & (US\$ Million)
- Table 88: Middle East & Africa Chemical Sensors Sales by Application (2020-2025) & (K Unit)
- Table 89: Middle East & Africa Chemical Sensors Sales by Application (2026-2032) & (K Unit)
- Table 90: Middle East & Africa Chemical Sensors Revenue by Application (2020-2025) & (US\$ Million)
- Table 91: Middle East & Africa Chemical Sensors Revenue by Application (2026-2032) & (US\$ Million)
- Table 92: Middle East & Africa Chemical Sensors Revenue Market Size by Country (2020-2025) & (US\$ Million)
- Table 93: Middle East & Africa Chemical Sensors Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)
- Table 94: Middle East & Africa Chemical Sensors Sales Market Size by Country (2020-2025) & (K Unit)
- Table 95: Middle East & Africa Chemical Sensors Sales Market Size Forecast by Country (2026-2032) & (K Unit)
- Table 96: Global Chemical Sensors Market Sales by Key Manufacturers (2021-2025) & (K Unit)

Table 97: Global Chemical Sensors Sales Market Share by Key Manufacturers (2021-2025)

Table 98: Global Chemical Sensors Market Revenue by Key Manufacturers (2021-2025) & (US\$ Million)

Table 99: Global Chemical Sensors Revenue Market Share by Key Manufacturers (2021-2025)

Table 100: Global Average Sales Price by Manufacturers (2021-2025) & (USD/Unit)

Table 101: Global Key Manufacturers Headquarter Location and Key Area Sales

Table 102: Market Mergers & Acquisitions, Expansion

Table 103: ABB Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 104: ABB Chemical Sensors Product Portfolio

Table 105: ABB Chemical Sensors Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 106: 3M Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 107: 3M Chemical Sensors Product Portfolio

Table 108: 3M Chemical Sensors Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 109: Emerson Electric Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 110: Emerson Electric Chemical Sensors Product Portfolio

Table 111: Emerson Electric Chemical Sensors Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 112: BorgWarner Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 113: BorgWarner Chemical Sensors Product Portfolio

Table 114: BorgWarner Chemical Sensors Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 115: NGK SPARK PLUG (Niterra) Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 116: NGK SPARK PLUG (Niterra) Chemical Sensors Product Portfolio

Table 117: NGK SPARK PLUG (Niterra) Chemical Sensors Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 118: Honeywell Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 119: Honeywell Chemical Sensors Product Portfolio

Table 120: Honeywell Chemical Sensors Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 121: Siemens Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 122: Siemens Chemical Sensors Product Portfolio

Table 123: Siemens Chemical Sensors Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 124: Xylem Inc Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 125: Xylem Inc Chemical Sensors Product Portfolio

Table 126: Xylem Inc Chemical Sensors Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 127: Thermo Fisher Scientific Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 128: Thermo Fisher Scientific Chemical Sensors Product Portfolio

Table 129: Thermo Fisher Scientific Chemical Sensors Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 130: Teledyne Technologies Incorporated Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 131: Teledyne Technologies Incorporated Chemical Sensors Product Portfolio

Table 132: Teledyne Technologies Incorporated Chemical Sensors Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 133: Industrial Scientific Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 134: Industrial Scientific Chemical Sensors Product Portfolio

Table 135: Industrial Scientific Chemical Sensors Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 136: Amphenol Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 137: Amphenol Chemical Sensors Product Portfolio

Table 138: Amphenol Chemical Sensors Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 139: DENSO Auto Parts Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 140: DENSO Auto Parts Chemical Sensors Product Portfolio

Table 141: DENSO Auto Parts Chemical Sensors Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 142: Nemoto Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 143: Nemoto Chemical Sensors Product Portfolio

Table 144: Nemoto Chemical Sensors Revenue (US\$ Million), Sales (K Unit), Price

(USD/Unit), Gross Margin and Market Share (2021-2025)

Table 145: Intelligent Optical Systems Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 146: Intelligent Optical Systems Chemical Sensors Product Portfolio

Table 147: Intelligent Optical Systems Chemical Sensors Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 148: MSA Safety Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

Table 149: MSA Safety Chemical Sensors Product Portfolio

Table 150: MSA Safety Chemical Sensors Revenue (US\$ Million), Sales (K Unit), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 151: Upstream Key Raw Material Price List

Table 152: Chemical Sensors Raw Material Suppliers and Contact Information

Table 153: Chemical Sensors Typical Customer List

Table 154: Chemical Sensors Distributors List

List Of Figures

LIST OF FIGURES

- Figure 1: Chemical Sensors Product Pictures
- Figure 2: Electrochemical Sensors Picture Scope
- Figure 3: Optical Sensors Picture Scope
- Figure 4: Semiconductor Sensors Picture Scope
- Figure 5: Pellistor/Catalytic Bead Sensors Picture Scope
- Figure 6: Others Picture Scope
- Figure 7: Industrial Picture Scope
- Figure 8: Environmental Monitoring Picture Scope
- Figure 9: Medical Picture Scope
- Figure 10: Homeland Security Picture Scope
- Figure 11: Automotive Picture Scope
- Figure 12: Others Picture Scope
- Figure 13: Global Chemical Sensors Market Size Analysis: 2024 VS 2025 VS 2032 (US\$ Million)
- Figure 14: Global Chemical Sensors Market Revenue and Growth Rate Analysis: (2020-2032) & (US\$ Million)
- Figure 15: Global Chemical Sensors Market Sales and Growth Rate Analysis (2020-2032) & (K Unit)
- Figure 16: Global Chemical Sensors Market Price Trend Analysis (2020-2032) & (USD/Unit)
- Figure 17: Global Chemical Sensors Market Size by Region (2020-2032) & (US\$ Million)
- Figure 18: Global Chemical Sensors Market Share Scenario by Region in Percentage: 2025 Versus 2032
- Figure 19: Global Chemical Sensors Sales Price by Region (2020-2032) & (K Unit)
- Figure 20: North America Chemical Sensors Market Size and Growth Rate (2020-2032) & (US\$ Million)
- Figure 21: North America Chemical Sensors Revenue Market Share by Players in 2024
- Figure 22: North America Chemical Sensors Sales Market Share by Type (2020-2032)
- Figure 23: North America Chemical Sensors Revenue Market Share by Type (2020-2032)
- Figure 24: North America Chemical Sensors Sales Market Share by Application (2020-2032)
- Figure 25: North America Chemical Sensors Revenue Market Share by Application (2020-2032)
- Figure 26: US Chemical Sensors Revenue (2020-2032) & (US\$ Million)

- Figure 27:Canada Chemical Sensors Revenue (2020-2032) & (US\$ Million)
- Figure 28:Europe Chemical Sensors Market Size and Growth Rate (2020-2032) & (US\$ Million)
- Figure 29:Europe Chemical Sensors Revenue Market Share by Players in 2024
- Figure 30:Europe Chemical Sensors Sales Market Share by Type (2020-2032)
- Figure 31:Europe Chemical Sensors Revenue Market Share by Type (2020-2032)
- Figure 32:Europe Chemical Sensors Sales Market Share by Application (2020-2032)
- Figure 33:Europe Chemical Sensors Revenue Market Share by Application (2020-2032)
- Figure 34:Germany Chemical Sensors Revenue (2020-2032) & (US\$ Million)
- Figure 35:France Chemical Sensors Revenue (2020-2032) & (US\$ Million)
- Figure 36:United Kingdom Chemical Sensors Revenue (2020-2032) & (US\$ Million)
- Figure 37:Italy Chemical Sensors Revenue (2020-2032) & (US\$ Million)
- Figure 38:Spain Chemical Sensors Revenue (2020-2032) & (US\$ Million)
- Figure 39:Benelux Chemical Sensors Revenue (2020-2032) & (US\$ Million)
- Figure 40:China Chemical Sensors Market Size and Growth Rate (2020-2032) & (US\$ Million)
- Figure 41:China Chemical Sensors Revenue Market Share by Players in 2024
- Figure 42:China Chemical Sensors Sales Market Share by Type (2020-2032)
- Figure 43:China Chemical Sensors Revenue Market Share by Type (2020-2032)
- Figure 44:China Chemical Sensors Sales Market Share by Application (2020-2032)
- Figure 45:China Chemical Sensors Revenue Market Share by Application (2020-2032)
- Figure 46:APAC (excl. China) Chemical Sensors Market Size and Growth Rate (2020-2032) & (US\$ Million)
- Figure 47:APAC (excl. China) Chemical Sensors Revenue Market Share by Players in 2024
- Figure 48:APAC (excl. China) Chemical Sensors Sales Market Share by Type (2020-2032)
- Figure 49:APAC (excl. China) Chemical Sensors Revenue Market Share by Type (2020-2032)
- Figure 50:APAC (excl. China) Chemical Sensors Sales Market Share by Application (2020-2032)
- Figure 51:APAC (excl. China) Chemical Sensors Revenue Market Share by Application (2020-2032)
- Figure 52:Japan Chemical Sensors Revenue (2020-2032) & (US\$ Million)
- Figure 53:South Korea Chemical Sensors Revenue (2020-2032) & (US\$ Million)
- Figure 54:India Chemical Sensors Revenue (2020-2032) & (US\$ Million)
- Figure 55:Australia Chemical Sensors Revenue (2020-2032) & (US\$ Million)
- Figure 56:Southeast Asia Chemical Sensors Revenue (2020-2032) & (US\$ Million)
- Figure 57:Latin America Chemical Sensors Market Size and Growth Rate (2020-2032)

& (US\$ Million)

Figure 58:Latin America Chemical Sensors Revenue Market Share by Players in 2024

Figure 59:Latin America Chemical Sensors Sales Market Share by Type (2020-2032)

Figure 60:Latin America Chemical Sensors Revenue Market Share by Type
(2020-2032)

Figure 61:Latin America Chemical Sensors Sales Market Share by Application
(2020-2032)

Figure 62:Latin America Chemical Sensors Revenue Market Share by Application
(2020-2032)

Figure 63:Mexico Chemical Sensors Revenue (2020-2032) & (US\$ Million)

Figure 64:Brazil Chemical Sensors Revenue (2020-2032) & (US\$ Million)

Figure 65:Middle East & Africa Chemical Sensors Market Size and Growth Rate
(2020-2032) & (US\$ Million)

Figure 66:Middle East & Africa Chemical Sensors Revenue Market Share by Players in
2024

Figure 67:Middle East & Africa Chemical Sensors Sales Market Share by Type
(2020-2032)

Figure 68:Middle East & Africa Chemical Sensors Revenue Market Share by Type
(2020-2032)

Figure 69:Middle East & Africa Chemical Sensors Sales Market Share by Application
(2020-2032)

Figure 70:Middle East & Africa Chemical Sensors Revenue Market Share by Application
(2020-2032)

Figure 71:Saudi Arabia Chemical Sensors Revenue (2020-2032) & (US\$ Million)

Figure 72:South Africa Chemical Sensors Revenue (2020-2032) & (US\$ Million)

Figure 73:Global Chemical Sensors Sales Market Share by Key Manufacturers in 2024

Figure 74:Global Chemical Sensors Revenue Market Share by Key Manufacturers in
2024

Figure 75:Global Chemical Sensors Industry Competition Landscape

Figure 76:Chemical Sensors Industry Chain Analysis

Figure 77:Bottom-Up and Top-Down Research Methods

Figure 78:Key Interview Objectives

Figure 79:Data Cross Validation

I would like to order

Product name: Global Chemical Sensors Competitive Landscape Professional Research Report 2025

Product link: <https://marketpublishers.com/r/CDBBF012D4A4EN.html>

Price: US\$ 3,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/CDBBF012D4A4EN.html>