

# **Capnography Devices Market Size, Trends, Analysis, and Outlook By Component (OEM Modules, Others), By Product (Handheld, Standalone, Multiparameter), By Technology (Mainstream, Sidestream, Microstream), By Application (Emergency medicine, Pain medicine, Procedural sedation, Critical care, Others), By End-User (Hospitals, Ambulatory care centers, Others), by Region, Country, Segment, and Companies, 2024-2030**

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## **Abstracts**

The global Capnography Devices market size is poised to register 4.75% growth from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Capnography Devices market across By Component (OEM Modules, Others), By Product (Handheld, Standalone, Multiparameter), By Technology (Mainstream, Sidestream, Microstream), By Application (Emergency medicine, Pain medicine, Procedural sedation, Critical care, Others), By End-User (Hospitals, Ambulatory care centers, Others).

The capnography devices market is experiencing robust growth, influenced by various factors in 2024 and beyond. Capnography, a vital monitoring tool used to assess patients' ventilation and respiratory status by measuring the concentration of carbon dioxide in exhaled breath, is increasingly adopted across various healthcare settings. Market growth is driven by the rising incidence of respiratory disorders, the growing emphasis on patient safety, and the expanding applications of capnography in procedural sedation, intensive care, and anesthesia monitoring. Moreover, technological advancements in capnography devices, including portable and handheld systems,

enhanced data integration capabilities, and wireless connectivity options, are driving market adoption. Additionally, the increasing adoption of capnography in pre-hospital settings and emergency departments, coupled with the growing demand for non-invasive respiratory monitoring solutions, are propelling market expansion. Furthermore, strategic collaborations between medical device companies, healthcare providers, and regulatory agencies are driving innovation and improving accessibility to capnography devices, shaping industry dynamics and competitiveness.

## Capnography Devices Market Drivers, Trends, Opportunities, and Growth Opportunities

This comprehensive study discusses the latest trends and the most pressing challenges for industry players and investors. The Capnography Devices market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Capnography Devices survey report provides the market size outlook across types, applications, and other segments across the world and regions. It provides data-driven insights and actionable recommendations for companies in the Capnography Devices industry.

## Key market trends defining the global Capnography Devices demand in 2024 and Beyond

The industry continues to remain an attractive hub for opportunities for both domestic and global vendors. As the market evolves, factors such as emerging market dynamics, demand from end-user sectors, a growing patient base, changes in consumption patterns, and widening distribution channels continue to play a major role.

## Capnography Devices Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Capnography Devices industry comprises a wide range of segments and sub-segments. The rising demand for these product types and applications is supporting companies to increase their investment levels across niche segments. Accordingly, leading companies plan to generate a large share of their future revenue growth from expansion into these niche segments. The report presents the market size outlook across segments to support Capnography Devices companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

## Key strategies adopted by companies within the Capnography Devices industry

Leading Capnography Devices companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions in key regions. Further, companies are leveraging advanced technologies to unlock opportunities and achieve operational excellence. The report provides key strategies opted for by the top 10 Capnography Devices companies.

### Capnography Devices Market Study- Strategic Analysis Review

The Capnography Devices market research report dives deep into the qualitative factors shaping the market, empowering you to make informed decisions-

**Industry Dynamics:** Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

**Strategic Insights:** Provides valuable perspectives on key players and their approaches based on comprehensive strategy analysis.

**Internal Strengths and Weaknesses:** Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.

**Future Possibilities:** Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

### Capnography Devices Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Capnography Devices industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. Further, with actual data for 2023, the report forecasts the market size outlook from 2024 to 2030 in three case scenarios- low case, reference case, and high case scenarios.

### Capnography Devices Country Analysis and Revenue Outlook to 2030

The report analyses 22 countries worldwide including the key driving forces and market size outlook from 2021 to 2030. In addition, region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America is included in the study. For

each of the six regions, the market size outlook by segments is forecast for 2030.

**North America Capnography Devices Market Size Outlook- Companies plan for focused investments in a changing environment**

The US continues to remain the market leader in North America, driven by a large consumer base, the presence of well-established providers, and a strong end-user industry demand. Leading companies focus on new product launches in the changing environment. The US economy is expected to grow in 2024 (around 2.2% growth in 2024), potentially driving demand for various Capnography Devices market segments. Similarly, Strong end-user demand is encouraging Canadian Capnography Devices companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Capnography Devices market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

**Europe Capnography Devices Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities**

The German industry remains the major market for companies in the European Capnography Devices industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of businesses in identifying and leveraging new growth prospects positions the European Capnography Devices market for an upward trajectory, fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and a keen understanding of consumer preferences.

**Asia Pacific Capnography Devices Market Size Outlook- an attractive hub for opportunities for both local and global companies**

The increasing prevalence of indications, robust healthcare expenditure, and increasing investments in healthcare infrastructure drive the demand for Capnography Devices in Asia Pacific. In particular, China, India, and South East Asian Capnography Devices markets present a compelling outlook for 2030, acting as a magnet for both domestic and multinational manufacturers seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate

changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major markets in the region.

**Latin America Capnography Devices Market Size Outlook- Continued urbanization and rising income levels**

Rising income levels contribute to greater purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

**Middle East and Africa Capnography Devices Market Size Outlook- continues its upward trajectory across segments**

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Capnography Devices market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Capnography Devices.

**Capnography Devices Market Company Profiles**

The global Capnography Devices market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. Leading companies included in the study are Avante, Becton, Dickinson and Company, Bionics, BPL Medical Technologies, Burtens Medical Equipment Ltd, Criticare Technologies Inc, Diamedica Ltd, Edan Instruments Inc, Edan Instruments Inc, GE Healthcare, Hamilton Medical, Koninklijke Philips N.V., Masimo, Medtronic, Mindray Medical, Nihon Kohden Corp, Nonin Medical Inc, Schiller, Smiths Medical, Drägerwerk AG & Co. KGaA, Welch Allyn, ZOLL Medical

**Recent Capnography Devices Market Developments**

The global Capnography Devices market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

## Capnography Devices Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2030 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

### Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

### Market Segmentation:

By Component

OEM Modules

-Infrared Sources

-Others

Others

By Product

Handheld

Standalone

Multiparameter

By Technology

Mainstream

Sidestream

Microstream

By Application

Emergency medicine

Pain medicine

Procedural sedation

Critical care

Others

By End Use

Hospitals

Ambulatory care centers

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

## Companies

Avante

Becton, Dickinson and Company

Bionics

BPL Medical Technologies

Burtons Medical Equipment Ltd

Criticare Technologies Inc

Diamedica Ltd

Edan Instruments Inc

Edan Instruments Inc

GE Healthcare

Hamilton Medical

Koninklijke Philips N.V.

Masimo

Medtronic



Mindray Medical

Nihon Kohden Corp

Nonin Medical Inc

Schiller

Smiths Medical

Dragerwerk AG & Co. KGaA

Welch Allyn

ZOLL Medical

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## Contents

### 1. EXECUTIVE SUMMARY

- 1.1 Capnography Devices Market Overview and Key Findings, 2024
- 1.2 Capnography Devices Market Size and Growth Outlook, 2021- 2030
- 1.3 Capnography Devices Market Growth Opportunities to 2030
- 1.4 Key Capnography Devices Market Trends and Challenges
  - 1.4.1 Capnography Devices Market Drivers and Trends
  - 1.4.2 Capnography Devices Market Challenges
- 1.5 Competitive Landscape and Key Players
- 1.6 Competitive Analysis- Growth Strategies Adopted by Leading Capnography Devices Companies

### 2. CAPNOGRAPHY DEVICES MARKET SIZE OUTLOOK TO 2030

- 2.1 Capnography Devices Market Size Outlook, USD Million, 2021- 2030
- 2.2 Capnography Devices Incremental Market Growth Outlook, %, 2021- 2030
- 2.3 Segment Snapshot, 2024

### 3. CAPNOGRAPHY DEVICES MARKET- STRATEGIC ANALYSIS REVIEW

- 3.1 Porter's Five Forces Analysis
  - \* Threat of New Entrants
  - \* Threat of Substitutes
  - \* Intensity of Competitive Rivalry
  - \* Bargaining Power of Buyers
  - \* Bargaining Power of Suppliers
- 3.2 Value Chain Analysis
- 3.3 SWOT Analysis

### 4. CAPNOGRAPHY DEVICES MARKET SEGMENTATION ANALYSIS AND OUTLOOK

- 4.1 Market Segmentation and Scope
- 4.2 Market Breakdown by Type, Application, and Other Segments, 2021-2030
  - By Component
    - OEM Modules
    - Infrared Sources

-Others

Others

By Product

Handheld

Standalone

Multiparameter

By Technology

Mainstream

Sidestream

Microstream

By Application

Emergency medicine

Pain medicine

Procedural sedation

Critical care

Others

By End Use

Hospitals

Ambulatory care centers

Others

4.3 Growth Prospects and Niche Opportunities, 2023- 2030

4.4 Regional comparison of Market Growth, CAGR, 2023-2030

## **5. REGION-WISE MARKET OUTLOOK TO 2030**

5.1 Key Findings for Asia Pacific Capnography Devices Market, 2025

5.2 Asia Pacific Capnography Devices Market Size Outlook by Type, 2021- 2030

5.3 Asia Pacific Capnography Devices Market Size Outlook by Application, 2021- 2030

5.4 Key Findings for Europe Capnography Devices Market, 2025

5.5 Europe Capnography Devices Market Size Outlook by Type, 2021- 2030

5.6 Europe Capnography Devices Market Size Outlook by Application, 2021- 2030

5.7 Key Findings for North America Capnography Devices Market, 2025

5.8 North America Capnography Devices Market Size Outlook by Type, 2021- 2030

5.9 North America Capnography Devices Market Size Outlook by Application, 2021- 2030

5.10 Key Findings for South America Capnography Devices Market, 2025

5.11 South America Pacific Capnography Devices Market Size Outlook by Type, 2021- 2030

5.12 South America Capnography Devices Market Size Outlook by Application, 2021-

2030

5.13 Key Findings for Middle East and Africa Capnography Devices Market, 2025

5.14 Middle East Africa Capnography Devices Market Size Outlook by Type, 2021-2030

5.15 Middle East Africa Capnography Devices Market Size Outlook by Application, 2021- 2030

## **6. COUNTRY-WISE MARKET SIZE OUTLOOK TO 2030**

6.1 US Capnography Devices Market Size Outlook and Revenue Growth Forecasts

6.2 US Capnography Devices Industry Drivers and Opportunities

6.3 Canada Market Size Outlook and Revenue Growth Forecasts

6.4 Canada Capnography Devices Industry Drivers and Opportunities

6.6 Mexico Market Size Outlook and Revenue Growth Forecasts

6.6 Mexico Capnography Devices Industry Drivers and Opportunities

6.7 Germany Market Size Outlook and Revenue Growth Forecasts

6.8 Germany Capnography Devices Industry Drivers and Opportunities

6.9 France Market Size Outlook and Revenue Growth Forecasts

6.10 France Capnography Devices Industry Drivers and Opportunities

6.11 UK Market Size Outlook and Revenue Growth Forecasts

6.12 UK Capnography Devices Industry Drivers and Opportunities

6.13 Spain Market Size Outlook and Revenue Growth Forecasts

6.14 Spain Capnography Devices Industry Drivers and Opportunities

6.16 Italy Market Size Outlook and Revenue Growth Forecasts

6.16 Italy Capnography Devices Industry Drivers and Opportunities

6.17 Rest of Europe Market Size Outlook and Revenue Growth Forecasts

6.18 Rest of Europe Capnography Devices Industry Drivers and Opportunities

6.19 China Market Size Outlook and Revenue Growth Forecasts

6.20 China Capnography Devices Industry Drivers and Opportunities

6.21 India Market Size Outlook and Revenue Growth Forecasts

6.22 India Capnography Devices Industry Drivers and Opportunities

6.23 Japan Market Size Outlook and Revenue Growth Forecasts

6.24 Japan Capnography Devices Industry Drivers and Opportunities

6.26 South Korea Market Size Outlook and Revenue Growth Forecasts

6.26 South Korea Capnography Devices Industry Drivers and Opportunities

6.27 Australia Market Size Outlook and Revenue Growth Forecasts

6.28 Australia Capnography Devices Industry Drivers and Opportunities

6.29 South East Asia Market Size Outlook and Revenue Growth Forecasts

6.30 South East Asia Capnography Devices Industry Drivers and Opportunities

- 6.31 Rest of Asia Pacific Market Size Outlook and Revenue Growth Forecasts
- 6.32 Rest of Asia Pacific Capnography Devices Industry Drivers and Opportunities
- 6.33 Brazil Market Size Outlook and Revenue Growth Forecasts
- 6.34 Brazil Capnography Devices Industry Drivers and Opportunities
- 6.36 Argentina Market Size Outlook and Revenue Growth Forecasts
- 6.36 Argentina Capnography Devices Industry Drivers and Opportunities
- 6.37 Rest of South America Market Size Outlook and Revenue Growth Forecasts
- 6.38 Rest of South America Capnography Devices Industry Drivers and Opportunities
- 6.39 Middle East Market Size Outlook and Revenue Growth Forecasts
- 6.40 Middle East Capnography Devices Industry Drivers and Opportunities
- 6.41 Africa Market Size Outlook and Revenue Growth Forecasts
- 6.42 Africa Capnography Devices Industry Drivers and Opportunities

## **7. CAPNOGRAPHY DEVICES MARKET OUTLOOK ACROSS SCENARIOS**

- 7.1 Low Growth Case
- 7.2 Reference Growth Case
- 7.3 High Growth Case

## **8. CAPNOGRAPHY DEVICES COMPANY PROFILES**

- 8.1 Profiles of Leading Capnography Devices Companies in the Market
- 8.2 Business Descriptions, SWOT Analysis, and Growth Strategies
- 8.3 Financial Performance and Key Metrics

Avante

Becton, Dickinson and Company

Bionics

BPL Medical Technologies

Burtens Medical Equipment Ltd

Criticare Technologies Inc

Diamedica Ltd

Edan Instruments Inc

Edan Instruments Inc

GE Healthcare

Hamilton Medical

Koninklijke Philips N.V.

Masimo

Medtronic

Mindray Medical

Nihon Kohden Corp  
Nonin Medical Inc  
Schiller  
Smiths Medical  
Dragerwerk AG & Co. KGaA  
Welch Allyn  
ZOLL Medical

## **9. APPENDIX**

- 9.1 Scope of the Report
- 9.2 Research Methodology and Data Sources
- 9.3 Glossary of Terms
- 9.4 Market Definitions
- 9.5 Contact Information

## I would like to order

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