

Capnography Devices Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global capnography devices market size reached US\$ 384.3 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 548.2 Million by 2028, exhibiting a growth rate (CAGR) of 5.9% during 2023-2028.

Capnography devices refer to various medical equipment that are used for measuring the amount of carbon dioxide (CO₂) present in the patient's bloodstream. They measure the inhaled and exhaled concentration of CO₂ in the body. The devices are used for patients undergoing anesthesia to ensure that they are receiving ample oxygen throughout the surgical procedure. These devices are commonly available in handheld, standalone and multi-parameter variants based on main-, side- and micro-stream technologies. They also aid in diagnosing the cause of respiratory distress, providing real-time feedback on treatment effects and detecting shocks.

The increasing prevalence of respiratory and chronic obstructive pulmonary diseases (COPD), such as pulmonary embolism and asthma, is one of the key factors driving the growth of the market. These devices are also being used for monitoring patients under intensive care who are suffering from the coronavirus disease (COVID-19). Furthermore, the rising geriatric population, which is more susceptible to lung disorders, is also providing driving the market growth. Capnography devices are widely being used for operative and post-operative care of patients and are commonly used in operation, recovery and critical rooms, wards and ambulances. Various product innovations, such as the development of technologically advanced devices that offer ease-of-connection, convenient sterilization and enable accurate monitoring of non-intubated substances,

are acting as another growth-inducing factor. The market is further driven by the launch of variants that are integrated with photodetectors, molecular correlation spectroscopy and miniaturized multi-gas monitors that are highly accurate and have an adjustable flow rate. Other factors, including significant improvements in the healthcare infrastructure, along with the development of portable and point-of-care (POC) capnography devices, are projected to create a positive outlook for the market.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global capnography devices market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on product, product type, technology, application and end-user.

Breakup by Product:

Capnometers

Accessories

Breakup by Product Type:

Handheld

Conventional

Breakup by Technology:

Main-stream

Side-stream

Micro-stream

Breakup by Application:

Trauma and Emergency Care

Cardiac Care

Respiratory Monitoring

Others

Breakup by End-User:

Hospitals and Clinics

Ambulatory Surgery Centers (ASCs)

Others

Breakup by Region:

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The report has also analysed the competitive landscape of the market with some of the key players being Becton, Dickinson and Company (BD), Burtens Medical Equipment Ltd., Opto Cardiac Care Limited (Criticare Technologies Inc.), FUTEK Advanced Sensor Technology, Inc., DiaMedica Therapeutics, Inc. (DMAC), Drägerwerk AG, EDAN Instruments Inc., Hill-Rom Services Inc., Infinium Medical, Inc., Koninklijke Philips N.V., Masimo Corporation, Medtronic Inc., Nihon Kohden Corporation, Nonin Medical Inc., Smiths Medical MD, Inc. and Zoe Medical Incorporated. etc.

Key Questions Answered in This Report

1. What was the size of the global capnography devices market in 2022?
2. What is the expected growth rate of the global capnography devices market during

2023-2028?

3. What are the key factors driving the global capnography devices market?
4. What has been the impact of COVID-19 on the global capnography devices market?
5. What is the breakup of the global capnography devices market based on the product?
6. What is the breakup of the global capnography devices market based on the product type?
7. What is the breakup of the global capnography devices market based on technology?
8. What is the breakup of the global capnography devices market based on the application?
9. What is the breakup of the global capnography devices market based on the end-user?
10. What are the key regions in the global capnography devices market?
11. Who are the key players/companies in the global capnography devices market?

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