

# **Global Medical Gas and Equipment Market Size Study, by Type (Pure Medical Gases, Mixtures), by Medical Gas Equipment (Flowmeter, Medical Air Compressor), by Application (Therapeutics, Diagnostics), by End User (Hospitals, Home Healthcare), and Regional Forecasts 2022-2032**

<https://marketpublishers.com/r/G0FEB6FBE1C1EN.html>

Date: January 2025

Pages: 285

Price: US\$ 3,750.00 (Single User License)

ID: G0FEB6FBE1C1EN

## **Abstracts**

The Global Medical Gas and Equipment Market, valued at approximately USD 18.81 billion in 2023, is on a progressive trajectory, poised to grow at a CAGR of 5.80% from 2024 to 2032. This market is intricately connected with advancements in healthcare technology and a growing demand for therapeutic and diagnostic solutions. Medical gases and their associated equipment have become indispensable in treating respiratory diseases, administering anesthesia, and supporting critical care, further driving their adoption across various healthcare facilities worldwide. The development of efficient flowmeters and advanced medical air compressors is redefining operational capabilities, optimizing the delivery of medical gases to meet specific therapeutic and diagnostic requirements.

A surge in respiratory ailments and chronic conditions, exacerbated by environmental factors and lifestyle changes, underscores the growing reliance on medical gases in healthcare. Furthermore, the push for more accessible home healthcare solutions is boosting the demand for compact and efficient gas delivery systems. Technological innovations in medical gas equipment are enabling seamless integration with healthcare facilities, ensuring precise delivery and monitoring. Additionally, government initiatives and funding aimed at bolstering healthcare infrastructure worldwide are playing a pivotal role in shaping the market landscape.

However, the market is not without challenges. High costs associated with advanced medical gas equipment and regulatory compliance complexities may hinder market expansion, particularly in developing economies. Furthermore, technical limitations in the operation and maintenance of medical gas systems necessitate continual advancements and training. Nonetheless, ongoing investments in R&D, coupled with collaborations between key industry players, are expected to mitigate these challenges, broadening the market's reach and accessibility.

Geographically, North America dominates the Medical Gas and Equipment Market, driven by its robust healthcare infrastructure, significant R&D investments, and high prevalence of respiratory diseases. Europe follows suit, benefiting from established healthcare systems and progressive policies supporting medical technology adoption. Meanwhile, the Asia Pacific region is anticipated to exhibit the fastest growth during the forecast period, fueled by rising healthcare expenditures, improving medical infrastructure, and increasing awareness about advanced medical technologies in emerging economies such as China and India.

Major market players included in this report are:

3M

Air Liquide

Linde Group

Praxair, Inc.

Atlas Copco AB

Air Products and Chemicals, Inc.

BeaconMedaes

Amico Group of Companies

GCE Group

Ohio Medical Corporation

Allied Healthcare Products, Inc.

Invacare Corporation

Precision Medical, Inc.

GE Healthcare

Philips Healthcare

The detailed segments and sub-segment of the market are explained below:

#### By Type

Pure Medical Gases

Mixtures

#### By Medical Gas Equipment

Flowmeter

Medical Air Compressor

#### By Application

Therapeutics

Respiratory

Diagnostics

#### By End User

Hospitals

## Home Healthcare

### By Region

#### North America

U.S.

Canada

#### Europe

UK

Germany

France

Spain

Italy

Rest of Europe

#### Asia Pacific

China

India

Japan

Australia

South Korea

Rest of Asia Pacific

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Comprehensive market estimates and forecasts for the next decade.

Regional and country-level analysis of major geographical markets.

In-depth insights into market drivers, challenges, and opportunities.

Competitive landscape analysis with profiles of key industry players.

Recommendations for strategic approaches to expand market presence.



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