

# Medical Gas Cylinder Market Size, Trends, Analysis, and Outlook By Product (Fixed, Portable ), By End-User (HHH , PBI , RI ), by Region, Country, Segment, and Companies, 2024-2030

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## Abstracts

The global Medical Gas Cylinder market size is poised to register 7.03% growth (CAGR) from 2024 to 2030, presenting significant growth prospects for companies operating in the industry. The industry study analyzes the global Medical Gas Cylinder market By Product (Fixed, Portable ), By End-User (HHH , PBI , RI ).

The future of medical gas cylinders is driven by advancements in materials engineering, cylinder design, and safety standards aimed at ensuring reliable storage, transportation, and delivery of medical gases in healthcare facilities and emergency response settings. Key trends include the development of lightweight, high-strength cylinder materials such as aluminum alloys, composite materials, and advanced steel alloys that reduce cylinder weight, enhance portability, and minimize storage space requirements while maintaining structural integrity and gas containment properties. Additionally, there is a growing emphasis on the implementation of RFID tracking systems, tamper-evident seals, and barcode identification tags on medical gas cylinders for inventory management, traceability, and regulatory compliance, enabling efficient gas supply chain management and rapid deployment during emergencies and disaster response scenarios. Moreover, advancements in cylinder valve technology, gas filling processes, and safety protocols are driving innovation in medical gas cylinder systems that prevent gas leaks, contamination, and cylinder-related accidents, ensuring the reliability and availability of medical gases for patient care, surgical procedures, and life-saving interventions, driving continuous improvement and standardization of medical gas cylinder technologies in healthcare facilities and emergency medical services..

## Medical Gas Cylinder 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 Medical Gas Cylinder market research analyses the global market trends, key drivers, challenges, and opportunities in the industry. In addition, the latest Future of Medical Gas Cylinder 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 Medical Gas Cylinder industry.

## Key market trends defining the global Medical Gas Cylinder 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.

## Medical Gas Cylinder Market Segmentation- Industry Share, Market Size, and Outlook to 2030

The Medical Gas Cylinder 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 Medical Gas Cylinder companies scaling up production in these sub-segments with a focus on expanding into emerging countries.

## Key strategies adopted by companies within the Medical Gas Cylinder industry

Leading Medical Gas Cylinder 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 Medical Gas Cylinder companies.

## Medical Gas Cylinder Market Study- Strategic Analysis Review

The Medical Gas Cylinder 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.

### Medical Gas Cylinder Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Medical Gas Cylinder 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.

### Medical Gas Cylinder 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 Medical Gas Cylinder 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 Medical Gas Cylinder market segments. Similarly, Strong end-user demand is encouraging Canadian Medical Gas Cylinder companies to invest in niche segments. Further, as Mexico continues to strengthen its trade relations and invest in technological advancements, the Mexico Medical Gas Cylinder market is expected to experience significant expansion, offering lucrative opportunities for both domestic and international stakeholders.

Europe Medical Gas Cylinder Market Size Outlook-Companies investing in assessing consumers, categories, competitors, and capabilities

The German industry remains the major market for companies in the European Medical Gas Cylinder 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 Medical Gas Cylinder 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 Medical Gas Cylinder 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 Medical Gas Cylinder in Asia Pacific. In particular, China, India, and South East Asian Medical Gas Cylinder 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 Medical Gas Cylinder 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 Medical Gas Cylinder 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 Medical Gas Cylinder market potential. Fueled by increasing healthcare expenditure of individuals, growing population, and high prevalence across a few markets drives the demand for Medical Gas Cylinder.

**Medical Gas Cylinder Market Company Profiles**

The global Medical Gas Cylinder 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 Advanced MaterialSystems Co., Air Liquide SA, Air Products and Chemicals Inc, Atlas Copco AB, B.N.O.S. Meditech Ltd, CIMC ENRIC Holdings Ltd, DCC Plc, Everest Kanto Cylinder Ltd, Faber Industrie SPA, HERSILL SL, Koninklijke Philips NV, Lianyungang Zhongfu Lianzhong Composites Group Co. Ltd, Linde Plc, Luxfer Holdings Plc, Messer SE and Co. KGaA.

**Recent Medical Gas Cylinder Market Developments**

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

**Medical Gas Cylinder 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 Type

Stationary 3D and 4D Ultrasound Devices

Portable 3D and 4D Ultrasound Devices

### By Display

Color Ultrasound

B/W Ultrasound

### By Portability

Trolley or Cart-Based Ultrasound Systems

Compact/Handheld Ultrasound Systems

Point-of-Pare (PoC) Ultrasound Systems

By Application

Radiology or General Imaging

Obstetrics or Gynecology

Cardiology

Urology

Vascular

Orthopedic and Musculoskeletal

Pain Management

Others

By End-User

Hospitals

Surgical Centers and Diagnostic Centers

Maternity Centers

Ambulatory Care Centers

Research and Academia

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

## Companies

Advanced MaterialSystems Co.

Air Liquide SA

Air Products and Chemicals Inc

Atlas Copco AB

B.N.O.S. Meditech Ltd

CIMC ENRIC Holdings Ltd

DCC Plc

Everest Kanto Cylinder Ltd

Faber Industrie SPA

HERSILL SL

Koninklijke Philips NV

Lianyungang Zhongfu Lianzhong Composites Group Co. Ltd

Linde Plc

Luxfer Holdings Plc



Messer SE and Co. KGaA

Formats Available: Excel, PDF, and PPT

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By Display

Color Ultrasound

B/W Ultrasound

By Portability

Trolley or Cart-Based Ultrasound Systems

Compact/Handheld Ultrasound Systems

Point-of-Pare (PoC) Ultrasound Systems

By Application

Radiology or General Imaging

Obstetrics or Gynecology

Cardiology

Urology

Vascular

Orthopedic and Musculoskeletal

Pain Management

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Hospitals

Surgical Centers and Diagnostic Centers

Maternity Centers

Ambulatory Care Centers

Research and Academia

Others

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Air Liquide SA

Air Products and Chemicals Inc

Atlas Copco AB

B.N.O.S. Meditech Ltd

CIMC ENRIC Holdings Ltd

DCC Plc

Everest Kanto Cylinder Ltd

Faber Industrie SPA

HERSILL SL

Koninklijke Philips NV

Lianyungang Zhongfu Lianzhong Composites Group Co. Ltd

Linde Plc

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Messer SE and Co. KGaA

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