

Medical Gases Market By Product (Oxygen, Nitrogen, Helium, Laser Gas, Lung Gas, Aerobic, Anaerobic Mixtures, Helium Oxygen Gas Mixtures, Medical Air, Carbon Dioxide-Oxygen, Laser Gas, Lung Gas, Ethylene Oxide), By Equipment (Manifolds, Outlets, Medical Air Compressors, Masks) Analysis And Segment Forecasts To 2020

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Abstracts

The global market for medical gases and equipment is expected to reach USD 10.52 billion by 2020. The implementation of industry friendly regulations such as the FDA Safety and Innovation Act in the U.S. and growing patient awareness levels are expected to drive market growth over the next six years. Growing global geriatric population base coupled with increasing prevalence of target diseases such as chronic obstructive pulmonary diseases (COPD) is also expected to enhance market demand over the forecast period.

Oxygen dominated the global medical pure gases market in 2013, accounting for over 44% of total revenue. Rising prevalence of patients admitted in emergency care and prevalence of patients suffering from respiratory diseases requiring the administration of oxygen are some of the factors accounting for its large market share. Nitrous oxide followed oxygen in terms of market share, accounting for over 25%. However, its market share is expected to decline by 2020, owing to the rising demand for anesthetic drugs. In addition, the medical gas mixtures market was dominated by oxygen-carbon dioxide medical gas mixtures in 2013, accounting for over 30% of revenue.

Further key findings from the study suggest:

North America dominated the overall market in 2013 with revenue estimated at USD 2.48 billion. However, Asia Pacific is expected to be the fastest growing regional market, on account of rapidly developing economies of China and India, at an estimated CAGR of 9.9% during the forecast period.

Vacuum systems dominated the overall equipment market in 2013, accounting for over 30% of total revenue, primarily due to the high prices associated with these products.

Ethylene oxide segment is expected to be the fastest growing medical gas, at an estimated CAGR of 19.2% from 2014 to 2020. Ethylene oxide is expected to serve as an internal substitute to oxyfume 2000 and cater to the market of the latter post its phasing out by January, 2015.

Key industry participants include Linde Gas, Matheson Tri-Gas Inc., Air Products and Chemicals Inc., Air Liquide and Praxair Inc.

For the purpose of this study, Grand View Research has segmented the global medical gases and equipment market on the basis of product and region:

Medical Gases and Equipment Product Outlook

Medical Gases

Medical Pure Gases

Medical Air

Carbon Dioxide

Oxygen

Nitrogen

Nitrous Oxide

Helium

Medical Gas Mixtures

Carbon Dioxide – Oxygen Mixtures

Oxygen-Nitrous Oxide Mixtures

Ethylene Oxide

Oxyfume 2000

Helium Oxygen Mixtures

Aerobic Mixtures

Anaerobic Mixtures

Blood Gas Mixtures

Laser Gas Mixtures

Lung Mixtures

Medical Gas Equipment

Manifolds

Outlets

Hose Assemblies and Valves

Alarm Systems

Cylinders and Accessories

Flowmeters

Regulators

Medical Air Compressors

Vacuum Systems

Masks

Medical Gases and Equipment Regional Outlook

North America

Europe

Asia Pacific

RoW

Contents

CHAPTER 1. EXECUTIVE SUMMARY

1.1. Medical Gases and Equipment – Industry Summary and Critical Success Factors (CSFs)

CHAPTER 2. MEDICAL GASES AND EQUIPMENT INDUSTRY OUTLOOK

- 2.1. Market Segmentation
- 2.2. Market Size and Growth Prospects
- 2.3. Medical Gases and Equipment Market Dynamics
 - 2.3.1. Market Driver Analysis
 - 2.3.2. Market Restraint Analysis
- 2.4. Key Opportunities Prioritized
- 2.5. Industry Analysis - Porter's
- 2.6. Medical Gases and Equipment - Company Market Share Analysis
- 2.7. Medical Gases and Equipment Market PESTEL Analysis, 2013

CHAPTER 3. MEDICAL GASES AND EQUIPMENT PRODUCT OUTLOOK

- 3.1. Medical Gases
 - 3.1.1. Medical Gases Market Estimates and Forecasts, 2012 – 2020 (USD Million)
 - 3.1.1.1. Medical Pure Gases Market Estimates and Forecasts, 2012 – 2020 (USD Million)
 - 3.1.1.1.1. Medical Air Gases Market Estimates and Forecasts, 2012 – 2020 (USD Million)
 - 3.1.1.1.2. Carbon Dioxide Gases Market Estimates and Forecasts, 2012 – 2020 (USD Million)
 - 3.1.1.1.3. Oxygen Gases Market Estimates and Forecasts, 2012 – 2020 (USD Million)
 - 3.1.1.1.4. Nitrogen Gases Market Estimates and Forecasts, 2012 – 2020 (USD Million)
 - 3.1.1.1.5. Nitrous Oxide Gases Market Estimates and Forecasts, 2012 – 2020 (USD Million)
 - 3.1.1.1.6. Helium Gases Market Estimates and Forecasts, 2012 – 2020 (USD Million)
 - 3.1.1.2. Medical Gas Mixtures Market Estimates and Forecasts, 2012 – 2020 (USD Million)

3.1.1.2.1. Carbon Dioxide – Oxygen Mixtures Market Estimates and Forecasts, 2012 – 2020 (USD Million)

3.1.1.2.2. Oxygen-Nitrous Oxide Mixtures Market Estimates and Forecasts, 2012 – 2020 (USD Million)

3.1.1.2.3. Ethylene Oxide Market Estimates and Forecasts, 2012 – 2020 (USD Million)

3.1.1.2.4. Oxyfume 2000 Market Estimates and Forecasts, 2012 – 2020 (USD Million)

3.1.1.2.5. Helium Oxygen Mixtures Market Estimates and Forecasts, 2012 – 2020 (USD Million)

3.1.1.2.6. Aerobic Mixtures Market Estimates and Forecasts, 2012 – 2020 (USD Million)

3.1.1.2.7. Anaerobic Mixtures Market Estimates and Forecasts, 2012 – 2020 (USD Million)

3.1.1.2.8. Blood Gas Mixtures Market Estimates and Forecasts, 2012 – 2020 (USD Million)

3.1.1.2.9. Laser Gas Mixtures Market Estimates and Forecasts, 2012 – 2020 (USD Million)

3.1.1.2.10. Lung Mixtures Market Estimates and Forecasts, 2012 – 2020 (USD Million)

3.2. Medical Gas Equipment

3.2.1. Medical Gas Equipment Market Estimates and Forecasts, 2012 – 2020 (USD Million)

3.2.1.1. Manifolds Market Estimates and Forecasts, 2012 – 2020 (USD Million)

3.2.1.2. Outlets Market Estimates and Forecasts, 2012 – 2020 (USD Million)

3.2.1.3. Hose Assemblies and Valves Market Estimates and Forecasts, 2012 – 2020 (USD Million)

3.2.1.4. Alarm Systems Market Estimates and Forecasts, 2012 – 2020 (USD Million)

3.2.1.5. Cylinders Market Estimates and Forecasts, 2012 – 2020 (USD Million)

3.2.1.6. Flowmeters Market Estimates and Forecasts, 2012 – 2020 (USD Million)

3.2.1.7. Regulators Market Estimates and Forecasts, 2012 – 2020 (USD Million)

3.2.1.8. Medical Air Compressors Market Estimates and Forecasts, 2012 – 2020 (USD Million)

3.2.1.9. Vacuum Systems Market Estimates and Forecasts, 2012 – 2020 (USD Million)

3.2.1.10. Masks Market Estimates and Forecasts, 2012 – 2020 (USD Million)

CHAPTER 4. MEDICAL GASES AND EQUIPMENT REGIONAL OUTLOOK

4.1. North America

4.1.1. Medical Gases and Equipment Market Estimates and Forecasts, by Products, 2012 – 2020 (USD Million)

4.2. Europe

4.2.1. Medical Gases and Equipment Market Estimates and Forecasts, by Products, 2012 – 2020 (USD Million)

4.3. Asia Pacific

4.3.1. Medical Gases and Equipment Market Estimates and Forecasts, by Products, 2012 – 2020 (USD Million)

4.4. RoW

4.4.1. Medical Gases and Equipment Market Estimates and Forecasts, by Products, 2012 – 2020 (USD Million)

CHAPTER 5. COMPETITIVE LANDSCAPE

5.1 Linde Gas

5.1.1 Company Overview

5.1.2 Financial Performance

5.1.3 Product Benchmarking

5.1.4 Strategic Initiatives

5.2 Air Liquide

5.2.1 Company Overview

5.2.2 Financial Performance

5.2.3 Product Benchmarking

5.2.4 Strategic Initiatives

5.3 BeaconMedaes LLC

5.3.1 Company Overview

5.3.2 Financial Performance

5.3.3 Product Benchmarking

5.3.4 Strategic Initiatives

5.4 Air Products and Chemicals Inc.

5.4.1 Company Overview

5.4.2 Financial Performance

5.4.3 Product Benchmarking

5.4.4 Strategic Initiatives

5.5 Medical Gas Solutions

5.5.1 Company Overview

5.5.2 Financial Performance

5.5.3 Product Benchmarking

5.5.4 Strategic Initiatives

5.6 Air Gas Inc.

5.6.1 Company Overview

5.6.2 Financial Performance

5.6.3 Product Benchmarking

5.6.4 Strategic Initiatives

5.7 Matheson Tri-Gas Inc.

5.7.1 Company Overview

5.7.2 Financial Performance

5.7.3 Product Benchmarking

5.7.4 Strategic Initiatives

CHAPTER 6. METHODOLOGY AND SCOPE

6.1. Research Methodology

6.2. Research Scope & Assumption

6.3. List of Data Sources

List Of Tables

LIST OF TABLES

Medical Gases and Equipment – Industry summary & Critical Success Factors (CSFs)

Global Medical Gases and Equipment revenue, 2012 - 2020

Global Medical Gases and Equipment market revenue by region, (USD million), 2012 - 2020

Global Medical Gases and Equipment market revenue by products, (USD million), 2012 – 2020

Global Medical Pure Gases Market Revenue, by Products (USD Million), 2012 – 2020

Global Medical Gas Mixtures Market Revenue, by Products (USD Million), 2012 – 2020

Global Medical Gas Equipment Market Revenue, by Products (USD Million), 2012 - 2020

North America Medical Gases and Equipment demand, by products, (USD million), 2012 – 2020

Europe Medical Gases and Equipment demand, by products, (USD million), 2012 – 2020

Asia Pacific Medical Gases and Equipment demand, by products, (USD million), 2012 – 2020

RoW Medical Gases and Equipment demand, by products, (USD million), 2012 – 2020

Global Medical Gases and Equipment Market - Competitive Landscape

List Of Figures

LIST OF FIGURES

Medical Gases and Equipment Market Segmentation
Global Medical Gases and Equipment Market Revenue, 2012 - 2020
Medical Gases and Equipment Market Dynamics
Medical Gases and Equipment Company Market Share Analysis, 2012
Key Opportunities Prioritized
Industry Analysis - Porter's
Medical Gases and Equipment PESTEL Analysis, 2012
Global Medical Gases and Equipment Market (USD Million), 2012 – 2020
Global Medical Pure Gases Market (USD Million), 2012 – 2020
Global Medical Air Market (USD Million), 2012 – 2020
Global Carbon Dioxide Market (USD Million), 2012 – 2020
Global Oxygen Market (USD Million), 2012 – 2020
Global Nitrogen Market (USD Million), 2012 – 2020
Global Nitrous Oxide Market (USD Million), 2012 – 2020
Global Helium Market (USD Million), 2012 – 2020
Global Medical Gas Mixtures Market (USD Million), 2012 – 2020
Global Carbon Dioxide-Oxygen Gas Mixtures Market (USD Million), 2012 – 2020
Global Oxygen-Nitrous Oxide Gas Mixtures Market (USD Million), 2012 - 2020
Global Ethylene Oxide Gas Mixtures Market (USD Million), 2012 - 2020
Global Oxyfume 2000 Gas Mixtures Market (USD Million), 2012 - 2020
Global Helium Oxygen Gas Mixtures Market (USD Million), 2012 - 2020
Global Aerobic Gas Mixtures Market (USD Million), 2012 - 2020
Global Blood Gas Mixtures Market (USD Million), 2012 - 2020
Global Laser Gas Mixtures Market (USD Million), 2012 - 2020
Global Lung Gas Mixtures Market (USD Million), 2012 – 2020
Global Medical Gas Equipment Market (USD Million), 2012 – 2020
Global Medical Gas Manifolds Market (USD Million), 2012 – 2020
Global Medical Gas Outlets Market (USD Million), 2012 – 2020
Global Medical Gas Hose Assemblies and Valves Market (USD Million), 2012 – 2020
Global Medical Gas Alarm Systems Market (USD Million), 2012 – 2020
Global Medical Gas Cylinders and Accessories Market (USD Million), 2012 – 2020
Global Medical Gas Flowmeters Market (USD Million), 2012 – 2020
Global Medical Gas Regulators Market (USD Million), 2012 – 2020
Global Medical Gas Medical Air Compressors Market (USD Million), 2012 – 2020
Global Medical Gas Vacuum Systems Market (USD Million), 2012 – 2020

Global Medical Gas Masks Market (USD Million), 2012 – 2020

Medical Gases and Equipment market - company market share analysis, 2013 (%)

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