

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

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