

Helium Market Size, Share, Value, Growth, Analysis, Outlook, Report, Forecast 2022-2027

Global Helium Market Size to Increase at a CAGR of 3.60% in the Forecast Period of 2022-2027

WYOMING, USA, September 22, 2022 /EINPresswire.com/ -- The 'Global [Helium Market Price](#), Report and Forecast 2022-2027' by Expert Market Research gives an extensive outlook of the global helium market, assessing the market on the basis of its segments like phase, application, end user, and major regions.



The image shows a portion of the periodic table with the Helium (He) element highlighted. The EMR logo is in the top left corner. Below the periodic table, there is a dark blue banner with white text containing contact information: an email icon followed by 'sales@expertmarketresearch.com' and a phone icon followed by '+1-415-325-5166'. Below the banner, the text 'Helium Market' is displayed.

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The key highlights of the report include:

Market Overview (2017-2027)

- Forecast CAGR (2022-2027): 3.60%

The growth of the global helium market is being driven by its widespread application across various industries. Helium gas, known for its inert nature and low boiling point, is majorly used as a cooling agent for various machinery. For instance, liquid helium is the most commonly used gas for cooling MRI machines. Additionally, helium has a similar boiling temperature as hydrogen, thus, it is also utilised in the aerospace industry as a pressurising agent in rocket propulsion systems.

The demand for helium globally is further anticipated to be bolstered by the growing demand for semiconductors across multiple sectors such as electricals and electronics, and automotives, among others. The inert nature of helium provides suitable environments for the manufacturing of semiconductors by preventing any unwanted reaction of silicon with other materials.

Furthermore, helium is also used in metal fabrication industry for providing inert environment for electrical welding. The inflating demand for metal sheets from industries such as industrial, construction, aerospace, manufacturing, and automotive, among others is further projected to push the growth of the helium market. Moreover, helium finds applications in the healthcare sector due to its biological inertness, neuroprotective nature, and low density. Helium is widely used in breath mixes for adjuvant therapies in treating ARDS, bronchitis, asthma, and COPD, among others.

Helium Industry Definition and Major Segments

A chemical element, Helium (He) belongs to the noble gas group of the periodic table. Helium, considered as the second-lightest element, is an odourless, tasteless gas that melts at a temperature of 268.9 °C (452 °F). It is the second most abundant gas in the universe. Helium gas is found in natural gas pockets in the earth's surface and is extracted using fractional distillation.

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On the basis of phase, the market is bifurcated into:

- Liquid
- Gas

Based on application, the market is divided into:

- Breathing Mixes
- Leak Detection
- Cryogenics
- Welding
- Pressurizing and Purging
- Controlled Atmosphere
- Others

On the basis of end user, the market is segmented into:

- Aerospace and Aircraft
- Nuclear Power
- Electronics and Semiconductors
- Welding and Metal Fabrication
- Healthcare
- Others

The Helium market based on region is divided into:

- Asia Pacific
- North America
- Latin America
- Europe
- Middle East and Africa

Helium Market Trends

The global helium market over the forecast period is anticipated to grow due to the significant presence of numerous helium manufacturing companies and the introduction of new technologies for the recovery of helium from natural gas by processes such as hybrid cryogenic adsorption, and membrane separation processes.

Regionally, North America is the largest producer of helium and the regional market for helium is being supported by the expansions of major market players like Air Liquide. The company completed an agreement with North American Helium for the supply of a helium purification solution that could be customised and made utilising the company's cutting-edge membrane technology. The facility will assist North American Helium, which operates Canada's biggest helium production facility, at its site in southwest Saskatchewan.

Furthermore, North America has the largest aerospace industry worldwide. The increasing research and development and space exploration activities are likely to propel the market for helium. For example, certain launchers, like Ariane, use helium to pressurise and purify the fuel tanks before launching satellites into orbit.

Key Market Players

The major players in the Global Helium Market are :

Air Liquide SA
Air Products and Chemicals, Inc
Exxon Mobil Corporation
Gazprom
Gulf Cryo
Iwatani Corporation
Linde PLC
Others

The report covers the market shares, capacities, plant turnarounds, expansions, investments and mergers and acquisitions, among other latest developments of these market players.

The report studies the latest updates in the market, along with their impact across the market. It also analysis the market demand, together with its price and demand indicators. The report also tracks the market on the bases of SWOT and Porter's Five Forces Models.

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