

Lyophilization Market by Equipment Type (Benchtop, Mobile, Industrial, & Laboratory), Industry (Food, Pharmaceutical, Biotechnology, Surgical Procedure, & Others), Technology (Tray-style, Manifold, & Rotary) & Geography - Global Trends & Forecast to 2019

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Abstracts

Lyophilization or freeze-drying has significant applications in the food, pharmaceutical, and biotechnology industry and is used as a standard process to stabilize, store, and increase the shelf-life of products. In the food industry, freeze-drying is used for preserving fruits, vegetables, meat products, ice cream, and coffee. With lyophilization, delicate, unstable, and heat-sensitive drugs and biological products such as vaccines, antibodies, enzymes, hormones, and blood plasma can be dried at a low temperature without damaging their physical structure.

The rising demand for lyophilized pharmaceutical products and preservation of parental drugs are some of the driving factors for lyophilization equipment market. However, the high cost incurred by the lyophilization equipment, their set-up, and maintenance is restraining the growth of the market. The continuous development in emerging markets such as Brazil, Russia, India, and China is paving new opportunities for the lyophilization equipment market.

The lyophilization equipment market is segmented on the basis of industry, type, technology, and regions. The application industries for lyophilization equipment include food, pharmaceutical, biotechnology, surgical procedure, and other industries such as floral preservation, ceramics, and chemical. The types of lyophilization equipment are segmented into industrial freeze dryer, laboratory freeze dryer, mobile freeze dryer, and benchtop freeze dryer. The market is also segmented on the basis of various regions such as North America, Europe, Asia-Pacific, Latin America, and Rest of the World

(RoW); and has been further segmented on the basis of their key countries.

The lyophilization equipment market is projected to reach \$5,121.5 million by 2019. The market is projected to grow with the advancements in technologies and rapid growth in food, pharmaceutical, and biotechnology industries. The North America region dominated the lyophilization equipment market in 2013.

The report provides both, qualitative and quantitative analyses of the market for lyophilization equipment. The report includes the market dynamics, trends, competitive strategies preferred by the key market players, the driving factors that boosted the growth of the lyophilization equipment market, and restraints of the market. The report also confers the opportunities in the lyophilization equipment market for the new entrants.

To maintain a competitive edge in the lyophilization equipment market, the key players invest heavily in the launch and development of new products and technology. The leading players such as Azbil Corporation (Japan), GEA Group (Germany), IMA S.p.A. (Italy), Millrock Technology, Inc. (U.S.) have been profiled in the report. The report provides a complete analysis of the prominent companies and a chronology of developments with respect to new products/technologies launched, and their applications.

SCOPE OF THE REPORT

This report focuses on the lyophilization equipment market. It categorizes the lyophilization equipment market on the basis of industry, type, technology, and region.

Lyophilization market

On the basis of industry, the market was sub-segmented as follows:

Food

Pharmaceutical

Biotechnology

Surgical procedure

Others (Floral preservation, ceramics, and chemical)

On the basis of type, the market was sub-segmented as follows:

Industrial freeze dryer

Laboratory freeze dryer

Benchtop freeze dryer

Mobile freeze dryer

On the basis of technology, the market was sub-segmented as follows:

Tray-style freeze dryer

Manifold freeze dryer

Rotary freeze dryer

On the basis of geography, the market was sub-segmented as follows:

North America

Europe

Asia-Pacific

RoW

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About

The report, “Lyophilization Market by Equipment Type (Benchtop, Mobile, Industrial, & Laboratory), (Food, Pharmaceutical, Biotechnology, Surgical Procedure, & Others), Technology (Tray-Style, Manual, Rotary) & Geography - Global Trends & Forecast to 2019”, defines and segments the Lyophilization market on the basis of various equipment types, applications, and regions with analyses and projections of the market of each of these segments in terms of value and volume.

The market for Lyophilization is projected to reach \$5,121.5 Million by 2019, with advancement in technology and rising opportunities in emerging markets such as India, China, and Brazil.

Lyophilization or freeze-drying is the process of dehydrating a product, by the conversion of water from the solid state to a gaseous state without going through a liquid state under vacuum pressure, to increase its shelf-life. The whole process takes place through the Lyophilization equipment, also known as freeze dryer or lyophilizer. Growing application of freeze-drying in food, biotechnology and pharmaceutical products, is contributing to an increase in the adoption of the Lyophilization equipment globally.

The Lyophilization Market by equipment is driven by the increasing demand for lyophilized pharmaceutical products and preservation of food products. The key market players adopted new product & technology launches and expansions as their preferred strategies to sustain in the market. Industrial freeze dryer is the preferred Lyophilization equipment for mass drying of products in pharmaceutical and biotechnology industries.

The market for Lyophilization is projected to reach \$5,121.5 Million by 2019. In 2013, North America was the largest market for Lyophilization equipment. Asia-Pacific is the fastest-growing market for lyophilization during the review period. This is driven by the technological advancement and rapid growth in food, pharmaceutical and biotechnology industries in developing countries such as India and China.

The report includes marketing and development strategies, along with the product portfolio of leading companies.

It includes the profiles of the leading companies such as:

GEA Group (Germany)

Azbil Corporation (Japan)

IMA S.p.A (Italy)

SP Industries, Inc. (U.S.)

The key players in the market are persistent on the expansion of their facilities to new markets and are actively investing in R&D activities to gain a competitive edge through new product developments.

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