

# Global Freeze Dryer Market 2022-2028

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## Abstracts

Freeze drying is a process in which water is removed from a product after it is frozen and placed under a vacuum, allowing the ice to change directly from solid to vapor without passing through a liquid phase. Freeze drying takes advantage of the scientific principle of sublimation, the direct transition of a solid to a gas, by removing ice (the solid) from frozen food as water vapor (a gas). Using sublimation, the food retains much of its original texture, flavor, and nutrition when rehydrated. In 2021, the global freeze dryer market stood at USD 2,445 million. Recording a CAGR of 8.3% from 2022 to 2028, the worth is projected to reach ~USD 4,272 million by 2028, according to a new report by Gen Consulting Company.

The report provides in-depth analysis and insights regarding the current global market scenario, latest trends and drivers into global freeze dryer market. It offers an exclusive insight into various details such as market size, key trends, competitive landscape, growth rate and market segments. This study also provides an analysis of the impact of the COVID-19 crisis on the freeze dryer industry.

This industry report offers market estimates and forecasts of the global market, followed by a detailed analysis of the product, application, end user, and region. The global market for freeze dryer can be segmented by product: benchtop freeze dryers, mobile freeze dryers. The benchtop freeze dryers segment was the largest contributor to the global freeze dryer market in 2021. Freeze dryer market is further segmented by application: general purpose, industrial, laboratory. Based on end user, the freeze dryer market is segmented into: biotechnology, food and beverages, pharmaceuticals, surgical procedures, others. On the basis of region, the freeze dryer market also can be divided into: Asia Pacific, Europe, North America, Rest of the World (RoW).

By product:

benchtop freeze dryers

mobile freeze dryers

By application:

general purpose

industrial

laboratory

By end user:

biotechnology

food and beverages

pharmaceuticals

surgical procedures

others

By region:

Asia Pacific

Europe

North America

Rest of the World (RoW)

The report also provides analysis of the key companies of the industry and their detailed

company profiles including AZBIL TELSTAR, S.L.U., GEA Group AG, IMA – Industria Macchine Automatiche S.p.A., Labconco Corporation, Mechatech Systems Ltd., Millrock Technology, Inc., Shanghai Tofflon Science and Technology Company Limited, among others.

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### Historical & Forecast Period

This research report provides analysis for each segment from 2018 to 2028 considering 2021 to be the base year.

### Scope of the Report

To analyze and forecast the market size of the global freeze dryer market.

To classify and forecast the global freeze dryer market based on product, application, end user, region.

To identify drivers and challenges for the global freeze dryer market.

To examine competitive developments such as mergers & acquisitions, agreements, collaborations and partnerships, etc., in the global freeze dryer market.

To identify and analyze the profile of leading players operating in the global freeze dryer market.

### Why Choose This Report

Gain a reliable outlook of the global freeze dryer market forecasts from 2022 to 2028 across scenarios.

Identify growth segments for investment.

Stay ahead of competitors through company profiles and market data.

The market estimate for ease of analysis across scenarios in Excel format.

Strategy consulting and research support for three months.

Print authentication provided for the single-user license.

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AZBIL TELSTAR, S.L.U.

GEA Group AG

IMA – Industria Macchine Automatiche S.p.A.

Labconco Corporation

Mechatech Systems Ltd.

Millrock Technology, Inc.

Shanghai Tofflon Science and Technology Company Limited

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