

Global Vertical Freeze Dryer Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/G3023FAD148EEN.html>

Date: June 2026

Pages: 95

Price: US\$ 3,480.00 (Single User License)

ID: G3023FAD148EEN

Abstracts

According to our (Global Info Research) latest study, the global Vertical Freeze Dryer market size was valued at US\$ 635 million in 2025 and is forecast to a readjusted size of US\$ 979 million by 2032 with a CAGR of 6.3% during review period.

Vertical Freeze Dryer is a common type of drying equipment used to transform moist substances into dry granules or powders through freezing and evaporation. This advanced industrial drying equipment is widely used in the food, pharmaceutical, and chemical industries. It effectively removes moisture from substances while preserving their nutritional value and active ingredients. Vertical Freeze Dryer offer many advantages. First, they dry at low temperatures, avoiding the damage caused by high temperatures and maintaining the original quality and active ingredients of the materials. Second, the drying process takes place in a vacuum environment, reducing the risk of oxidation and contamination, and improving the stability and purity of the materials. Furthermore, the vertical design results in a smaller footprint, facilitating installation and operation. In 2025, the global production of Vertical Freeze Dryer reached 9,500 units, with an average price of US\$65,000 per unit, and the gross profit margin of major companies in the industry was approximately 28%-42%.

This report is a detailed and comprehensive analysis for global Vertical Freeze Dryer market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

Key Features:

Global Vertical Freeze Dryer market size and forecasts, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Vertical Freeze Dryer market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Vertical Freeze Dryer market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (Units), and average selling prices (US\$/Unit), 2021-2032

Global Vertical Freeze Dryer market shares of main players, shipments in revenue (\$ Million), sales quantity (Units), and ASP (US\$/Unit), 2021-2026

The Primary Objectives in This Report Are:

- To determine the size of the total market opportunity of global and key countries

- To assess the growth potential for Vertical Freeze Dryer

- To forecast future growth in each product and end-use market

- To assess competitive factors affecting the marketplace

This report profiles key players in the global Vertical Freeze Dryer market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Labzee Scientific, Labfon Equipment, Shanghai Boxun Medical Biological Instrument, Jinlan Manufacturing, SHAANXI ROCTEC TECHNOLOGY, Beijing Songyuan Huaxing Biotechnology, Shanghai Leewen Scientific Instrument, BioSafer, Shanghai Yetuo Technology, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Market Segmentation

Vertical Freeze Dryer market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

Market segment by Type

Standard

Press-fit Type

Multi-manifold Type

T-frame Type

Market segment by Cold Trap Temperature

-50?

-60?

-80?

Ultra-low Temperature Type

Market segment by Application

Pharmaceuticals

Chemical Industry

Food

Other

Major players covered

Labzee Scientific

Labfon Equipment

Shanghai Boxun Medical Biological Instrument

Jinlan Manufacturing

SHAANXI ROCTEC TECHNOLOGY

Beijing Songyuan Huaxing Biotechnology

Shanghai Leewen Scientific Instrument

BioSafer

Shanghai Yetuo Technology

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Vertical Freeze Dryer product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Vertical Freeze Dryer, with price, sales quantity, revenue, and global market share of Vertical Freeze Dryer from 2021 to 2026.

Chapter 3, the Vertical Freeze Dryer competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Vertical Freeze Dryer breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Vertical Freeze Dryer market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Vertical Freeze Dryer.

Chapter 14 and 15, to describe Vertical Freeze Dryer sales channel, distributors, customers, research findings and conclusion.

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