

Lyophilization Equipment And Services Market Size, Share & Trends Analysis Report By Modality (Devices, Services), By Scale Of Operation (Laboratory Scale, Pilot Scale), By Application (Diagnostics & Research, Food Industry), By Region, And Segment Forecasts, 2026 - 2033

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Abstracts

The global lyophilization equipment and services market estimated for USD 5.36 billion in 2025 and is projected to reach USD 10.63 billion by 2033, growing at a CAGR of 8.98% from 2026 to 2033. Market growth is driven by increasing use of freeze-drying in pharmaceutical and biotechnology manufacturing for biologics, vaccines, and injectables, alongside rising CDMO outsourcing and adoption of automated, high-efficiency lyophilization systems.

Global Lyophilization Equipment And Services Market Report Segmentation

This report forecasts revenue growth and provides an analysis of the latest trends in each of the sub-segments from 2021 to 2033. For this report, Grand View Research has segmented the global lyophilization equipment and services market based on modality, scale of operation, application, and region:

Modality Outlook (Revenue, USD Million, 2021 - 2033)

Devices

Tray Lyophilizers

Shelf Lyophilizers

Rotary Lyophilizers

Others

Consumables & Accessories

Services

Scale of Operation Outlook (Revenue, USD Million, 2021 - 2033)

Laboratory Scale

Pilot Scale

Industry Scale

Application Outlook (Revenue, USD Million, 2021 - 2033)

Pharmaceutical and Biotechnology Companies

Diagnostics & Research

Food Industry

Others

Regional Outlook (Revenue, USD Million, 2021 - 2033)

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Italy

Spain

Denmark

Sweden

Norway

Asia Pacific

Japan

China

India

Australia

Thailand

South Korea

Latin America

Brazil

Argentina

Middle East and Africa

South Africa

Saudi Arabia

UAE

Kuwait

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