

Global Closed Loop Spray Dryers Market Growth 2026-2032

<https://marketpublishers.com/r/G4C5F2F38F0EEN.html>

Date: June 2026

Pages: 122

Price: US\$ 3,660.00 (Single User License)

ID: G4C5F2F38F0EEN

Abstracts

The global Closed Loop Spray Dryers market size is predicted to grow from US\$ million in 2025 to US\$ million in 2032; it is expected to grow at a CAGR of % from 2026 to 2032.

Closed Loop Spray Dryer is a specialized type of drying system that is designed to dry products in a solvent-based solution. This spray dryer uses inert gases (such as nitrogen) or air as the drying medium, and the gas circulates within the dryer, hence it is referred to as a closed-loop system. Inert nitrogen reduces the risk of explosions or fires caused by solvent vapor heating. After drying in the drying chamber and passing through a bag filter, the solvent vapor is transported along with nitrogen through a pre-cooler and condenser to recover the solvent. The solvent-free gas is then heated and recirculated back into the drying chamber.

United States market for Closed Loop Spray Dryers is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Closed Loop Spray Dryers is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Closed Loop Spray Dryers is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Closed Loop Spray Dryers players cover Griffin Machinery, Spray Tech Systems, Freund, AcmeFil Engineering Systems Pvt Ltd., NTE Process Srl, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "Closed Loop Spray Dryers Industry Forecast" looks at past sales and reviews total world Closed Loop Spray Dryers sales in 2025, providing a comprehensive analysis by region and market sector of projected Closed Loop Spray Dryers sales for 2026 through 2032. With Closed Loop Spray Dryers sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Closed Loop Spray Dryers industry.

This Insight Report provides a comprehensive analysis of the global Closed Loop Spray Dryers landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Closed Loop Spray Dryers portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Closed Loop Spray Dryers market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Closed Loop Spray Dryers and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Closed Loop Spray Dryers.

This report presents a comprehensive overview, market shares, and growth opportunities of Closed Loop Spray Dryers market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Air Drying

Nitrogen Drying

Segmentation by Application:

Foods

Chemicals

Pharmaceuticals

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Griffin Machinery

Spray Tech Systems

Freund

Acmevil Engineering Systems Pvt Ltd.

NTE Process Srl

Labultima Process Technologies Pvt. Ltd.

Shanghai Pilotech Instrument & Equipment Co., Ltd.

LABOAO

KODI

Jiangsu Xiandao Drying Sci-Tech Co., Ltd.

Zhiheng Drying Equipment

Changzhou Jinqiao Spray Drying and Engineering Co., Ltd.

Hjchem

Changzhou Ruide Drying Engineering Technology Co., Ltd

Key Questions Addressed in this Report

What is the 10-year outlook for the global Closed Loop Spray Dryers market?

What factors are driving Closed Loop Spray Dryers market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Closed Loop Spray Dryers market opportunities vary by end market size?

How does Closed Loop Spray Dryers break out by Type, by Application?

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