

Global Handheld Liquid Nitrogen Sprayer Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Handheld Liquid Nitrogen Sprayer market size is expected to reach \$ 55.08 million by 2032, rising at a market growth of 6.6% CAGR during the forecast period (2026-2032).

Handheld liquid nitrogen sprayer is a portable cryogenic spraying device that atomizes or sprays liquid nitrogen under controlled conditions for rapid cooling, cryogenic treatment, or low-temperature experimental applications.

In 2025, the global production volume of handheld liquid nitrogen sprayers is projected to reach 65,000 units, with an average price of \$520 per unit.

This report studies the global Handheld Liquid Nitrogen Sprayer production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Handheld Liquid Nitrogen Sprayer and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Handheld Liquid Nitrogen Sprayer that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Handheld Liquid Nitrogen Sprayer total production and demand, 2021-2032, (Units)

Global Handheld Liquid Nitrogen Sprayer total production value, 2021-2032, (USD Million)

Global Handheld Liquid Nitrogen Sprayer production by region & country, production,

value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)
Global Handheld Liquid Nitrogen Sprayer consumption by region & country, CAGR, 2021-2032 & (Units)
U.S. VS China: Handheld Liquid Nitrogen Sprayer domestic production, consumption, key domestic manufacturers and share
Global Handheld Liquid Nitrogen Sprayer production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)
Global Handheld Liquid Nitrogen Sprayer production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)
Global Handheld Liquid Nitrogen Sprayer production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global Handheld Liquid Nitrogen Sprayer market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Brymill Cryogenic Systems, CooperSurgical / Wallach Surgical, Premier Medical, Cryofab, U.S. Solid, Cortex Technology, Special Medical Technology, EROND / Kozmomed, Metrum Cryoflex, Cryosense, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Handheld Liquid Nitrogen Sprayer market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Handheld Liquid Nitrogen Sprayer Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Handheld Liquid Nitrogen Sprayer Market, Segmentation by Type:

Below 100ml

100-300ml

300-500ml

Above 500ml

Global Handheld Liquid Nitrogen Sprayer Market, Segmentation by Spray Control Mode:

Manual Press Type

Trigger Type

Electric Control Type

Global Handheld Liquid Nitrogen Sprayer Market, Segmentation by Filling Method:

Disposable Type

Refillable Type

Global Handheld Liquid Nitrogen Sprayer Market, Segmentation by Application:

Medical Dermatology Cryotherapy

Industrial Precision Parts Cold Assembly

Laboratory Low Temperature Experiments and Sample Processing

Electronic Components Low Temperature Testing

Food Local Freezing Processing

Companies Profiled:

Brymill Cryogenic Systems

CooperSurgical / Wallach Surgical

Premier Medical

Cryofab

U.S. Solid

Cortex Technology

Special Medical Technology

EROND / Kozmomed

Metrum Cryoflex

Cryosense

KRION

Grand Cryo

Kriomedpol

Cryonic Medical

Medsor Impex

Medono India

Paul Medical Systems

SKRILIX

Xinxiang LN Special Equipment

Med-Sources

Changchun Lepu Technology

Beijing Hengaode Instrument

Beijing Xiangyun Electronic Equipment Factory

Xi'an Xichuan Medical Equipment

Shanghai Wu Cool Technology

Key Questions Answered:

1. How big is the global Handheld Liquid Nitrogen Sprayer market?
2. What is the demand of the global Handheld Liquid Nitrogen Sprayer market?
3. What is the year over year growth of the global Handheld Liquid Nitrogen Sprayer market?
4. What is the production and production value of the global Handheld Liquid Nitrogen Sprayer market?
5. Who are the key producers in the global Handheld Liquid Nitrogen Sprayer market?
6. What are the growth factors driving the market demand?

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