

Non Thermal Processing Market Size, Trends, Analysis, and Outlook By Food (Meat & seafood, Fruits & vegetables, Beverages, Others), By Technology (HPP, PEF, Ultrasonic, Irradiation, Cold plasma, Others), By Function (Quality assurance, Microbial inactivation, Cutting, Emulsification & homogenization, Cleaning, Others), by Country, Segment, and Companies, 2024-2032

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Abstracts

Global Non-Thermal Processing Market Size is valued at \$1.46 Billion in 2024 and is forecast to register a growth rate (CAGR) of 8.7% to reach \$2.8 Billion by 2032.

The Non-Thermal Processing market is experiencing significant growth due to the increasing consumer demand for minimally processed foods that retain natural flavors, textures, and nutrients. As health-conscious consumers seek alternatives to traditional processing methods, non-thermal technologies such as cold plasma, ultraviolet (UV) light, and high-pressure processing (HPP) are gaining popularity. The trend towards sustainability and reducing food waste is also contributing to market growth, as these technologies often require less energy and have a lower environmental impact. Furthermore, innovations in non-thermal processing are expanding its applications across various food categories, enhancing market potential.

Non Thermal Processing Market Drivers, Trends, Opportunities, and Growth Opportunities

The comprehensive report presents unique market trends and challenges shaping the

outlook for industry stakeholders. The Future of Non Thermal Processing survey report provides the market size outlook across types, applications, and segments globally and regionally. It also offers data-driven insights and actionable recommendations for companies in the Non Thermal Processing industry.

Key market trends defining the global Non Thermal Processing demand in 2025 and Beyond

The Non Thermal Processing industry remains an attractive hub for both domestic and global vendors. As we enter 2025, demand from end-user sectors, changes in consumption patterns, new product launches, and widening distribution channels will play major roles.

Non Thermal Processing Market Segmentation- Industry Share, Market Size, and Outlook to 2032

Rising demand for diverse products and applications fuels the increased investments in niche segments. Leading companies focus on generating a large share of their future revenue growth by expanding into these niche segments. The report presents a market size outlook across segments, supporting companies scaling up production with a focus on potential countries.

Key strategies adopted by companies within the Non Thermal Processing industry

Leading Non Thermal Processing companies are boosting investments to capitalize on untapped potential and future possibilities across niche market segments and surging demand conditions. In particular, companies that leverage advanced technologies to achieve operational excellence are set to gain significant revenues. The report details the key strategies adopted by the top 10 Non Thermal Processing companies.

Non Thermal Processing Market Study- Strategic Analysis Review

The market research report dives deep into qualitative factors shaping the market, empowering you to make informed decisions.

- Industry Dynamics: Porter's Five Forces analysis to understand bargaining power, competitive rivalry, and threats that impact long-term strategy formulation.

- Strategic Insights: Provides valuable perspectives on key players and their

approaches based on comprehensive strategy analysis.

- Internal Strengths and Weaknesses: Develop targeted strategies to leverage strengths, address weaknesses, and capitalize on market opportunities.
- Future Possibilities: Prepare for diverse outcomes with in-depth scenario analysis. Explore potential market disruptions, technology advancements, and economic changes.

Non Thermal Processing Market Size Outlook- Historic and Forecast Revenue in Three Cases

The Non Thermal Processing industry report provides a detailed analysis and outlook of revenue generated by companies from 2018 to 2023. With actual data for 2023, the report forecasts the market size outlook from 2024 to 2032 in three scenarios: low case, reference case, and high case.

Non Thermal Processing Country Analysis and Revenue Outlook to 2032

The report analyzes 22 countries worldwide, including key driving forces and market size outlook from 2021 to 2032. Additionally, it includes region analysis across Asia Pacific, Europe, the Middle East, Africa, North America, and South America. For each region, the market size outlook by segments is forecast for 2032.

North America Non Thermal Processing Market Size Outlook- Companies plan for focused investments in a changing environment

The US remains the market leader in North America, driven by a large consumer base, well-established providers, and strong infrastructure. Leading companies focus on new product launches in a changing environment. The US GDP is expected to grow from \$28,781.1 Billion in 2024 to \$36,621 Billion in 2030, driving demand for various Non Thermal Processing market segments. Similarly, strong market demand encourages Canadian Non Thermal Processing companies to invest in niche segments. Mexico's investment in technological advancements positions it for significant market expansion.

Europe Non Thermal Processing Market Size Outlook- Companies investing in assessing consumers, categories, competitors, and capabilities.

The German Non Thermal Processing industry remains the major market for companies

in the European Non Thermal Processing industry with consumers in Germany, France, the UK, Spain, Italy, and others anticipated to register a steady demand throughout the forecast period, driving the overall market prospects. In addition, the proactive approach of vendors in identifying and leveraging new growth prospects positions the European Non Thermal Processing market fostering both domestic and international interest. Leading brands operating in the industry are emphasizing effective marketing strategies, innovative product offerings, and addressing niche consumer segments.

Asia Pacific Non Thermal Processing Market Size Outlook- an attractive hub for opportunities for both local and global companies

The increasing pool of consumer base, robust consumption expenditure, and increasing investments in manufacturing drive the demand for Non Thermal Processing in Asia Pacific. In particular, China, India, and South East Asian Non Thermal Processing markets present a compelling outlook for 2032, attracting both domestic and multinational vendors seeking growth opportunities. Similarly, with a burgeoning population and a rising middle class, India offers a vast consumer market. Japanese and Korean companies are quickly aligning their strategies to navigate market changes, explore new markets, and enhance their competitive edge. Our report utilizes in-depth interviews with industry experts and comprehensive data analysis to provide a comprehensive outlook of 6 major countries in the APAC region.

Latin America Non Thermal Processing Market Size Outlook- Continued urbanization and rising income levels

Rising income levels contribute to higher purchasing power among consumers, spurring consumption and creating opportunities for market expansion. Continued urbanization and rising income levels are expected to sustainably drive consumption growth in the medium to long term.

Middle East and Africa Non Thermal Processing Market Size Outlook- continues its upward trajectory across segments.

Robust demand from Middle Eastern countries including Saudi Arabia, the UAE, Qatar, Kuwait, and other GCC countries supports the overall Middle East Non Thermal Processing market potential. Fuelled by increasing consumption expenditure of individuals and growing population drive the demand for Non Thermal Processing.

Non Thermal Processing Company Profiles

The global Non Thermal Processing market is characterized by intense competitive conditions with leading companies opting for aggressive marketing to gain market shares. The report presents business descriptions, SWOT analysis, growth strategies, and financial profiles. The leading companies included in the study are B?hler Group, CHIC FresherTech, Dukane Corp, Elea Technology GmbH, Emerson Electric Co., Gray Star Inc, Hiperbaric Espa?a S.L., JBT Corp, Nordion Inc, Pulsemaster BV, Robert Bosch GmbH, Symbios Technologies LLC.

Recent Non Thermal Processing Market Developments

The global Non Thermal Processing market study presents recent market news and developments including new product launches, mergers, acquisitions, expansions, product approvals, and other updates in the industry.

Non Thermal Processing Market Report Scope

Parameters: Revenue, Volume Price

Study Period: 2023 (Base Year); 2018- 2023 (Historic Period); 2024- 2032 (Forecast Period)

Currency: USD; (Upon request, can be provided in Euro, JPY, GBP, and other Local Currency)

Qualitative Analysis

Pricing Analysis

Value Chain Analysis

SWOT Profile

Market Dynamics- Trends, Drivers, Challenges

Porter's Five Forces Analysis

Macroeconomic Impact Analysis

Case Scenarios- Low, Base, High

Market Segmentation:

By Food

Meat & seafood

Fruits & vegetables

Beverages

Others

By Technology

HPP

PEF

Ultrasonic

Irradiation

Cold plasma

Others

By Function

Quality assurance

Microbial inactivation

Cutting

Emulsification & homogenization

Cleaning

Others

Geographical Segmentation:

North America (3 markets)

Europe (6 markets)

Asia Pacific (6 markets)

Latin America (3 markets)

Middle East Africa (5 markets)

Companies

B?hler Group

CHIC FresherTech

Dukane Corp

Elea Technology GmbH

Emerson Electric Co.

Gray Star Inc

Hiperbaric Espa?a S.L.

JBT Corp

Nordion Inc

Pulsemaster BV

Robert Bosch GmbH

Symbios Technologies LLC

Formats Available: Excel, PDF, and PPT

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