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Non-Thermal Processing Market Report: Trends, Forecast and Competitive Analysis

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Abstracts

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The future of the global non-thermal processing market looks promising with opportunities in the meat and beverages industries. The global non-thermal processing market is expected to grow with a CAGR of 7%-9% from 2020 to 2025. The major driver for this market is that this processing technology helps retain food product characteristics such as flavor, color, texture, or nutritional value with minimal or no changes to the product profile.

Emerging trends, which have a direct impact on the dynamics of the industry, include growing adoption of cold pasteurization, concentration, extraction, and food functionalization.

A total of XX figures / charts and XX tables are provided in this more than 150-pages report to help in your business decisions. Sample figures with some insights are shown below. To learn the scope, benefits, companies researched, and other details of the global non-thermal processing market report, please download the report brochure.

In this market, microbial inactivation is the largest function of non-thermal processing, whereas meat is the largest food type. Growth in various segments of the non-thermal processing market are given below:

The study includes trends and forecast for the global non-thermal processing market by technology, food type, function, and region as follows:

By Technology [Value ($ Million) shipment analysis for 2014 – 2025]:

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High Pressure Processing

Peak Expiratory Flow

Irradiation

Ultrasound

Cold Plasma

By Food Type [Value ($ Million) shipment analysis for 2014 – 2025]:

Meat

Beverages

By Function [Value ($ Million) shipment analysis for 2014 – 2025]:

Microbial Inactivation

Quality Assurance

By Region [Value ($ Million) shipment analysis for 2014 – 2025]:

North America

United States

Canada

Mexico

Europe

United Kingdom

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- Spain
- Germany
- France

Asia Pacific

- China
- India
- Japan

The Rest of the World

- Brazil

Some of the non-thermal processing companies profiled in this report include Bosch, Emerson, B?hler, Hiperbaric Espa?a, Nordion, Avure Technologies, CHIC FresherTech, Elea Technology, Pulsemaster, Gray*Star, Dukane, and Symbios Technologies.

Lucintel forecasts that microbial inactivation will remain the largest segment over the forecast period as it is one of the widely used functions of non-thermal processing technologies for food preservation. Irradiation is an effective non-thermal technology used for microbial inactivation.

Within this market, meat will remain the largest segment by species type over the forecast period due to meat & seafood products are more prone to bacterial contamination.

North America will remain the largest region and it is also expected to witness the highest growth over the forecast period due to the demand for extended, safe, refrigerated shelf life, novel food processing requirements, and favorable food preservation legislations.

Features of the Global Non-Thermal Processing Market

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Market Size Estimates: Global non-thermal processing market size estimation in terms of value ($M) shipment.

Trend and Forecast Analysis: Market trends (2014-2019) and forecast (2020-2025) by various segments.

Segmentation Analysis: Global non-thermal processing market size by various segments, such as technology, food type, and function in terms of value.

Regional Analysis: Global non-thermal processing market breakdown by the North America, Europe, Asia Pacific, and Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different technology, food type, function, and region for the global non-thermal processing market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the global non-thermal processing market.

Analysis of competitive intensity of the industry based on Porter’s Five Forces model.

This report answers following key questions

Q.1 What are some of the most promising potential, high-growth opportunities for the global non-thermal processing market by technology (high pressure processing, peak expiratory flow, irradiation, ultrasound, and cold plasma), food type (meat and beverages), function (microbial inactivation and quality assurance), and regon (North America, Europe, Asia Pacific, and Rest of the World)?
Q.2 Which segments will grow at a faster pace and why?
Q.3 Which region will grow at a faster pace and why?
Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the global non-thermal processing market?
Q.5 What are the business risks and threats to the global non-thermal processing market?
Q.6 What are emerging trends in this non-thermal processing market and the reasons behind them?
Q.7 What are some changing demands of customers in this non-thermal processing market?

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Q.8 What are the new developments in this non-thermal processing market? Which companies are leading these developments?
Q.9 Who are the major players in this non-thermal processing market? What strategic initiatives are being implemented by key players for business growth?
Q.10 What are some of the competitive products and processes in this non-thermal processing market, and how big of a threat do they pose for loss of market share via material or product substitution?
Q.11 What M&A activities did take place in the last five years in the global non-thermal processing market?

Report Scope

Key Features Description

Base Year for Estimation 2019

Trend Period

(Actual Estimates) 2014-2019

Forecast Period 2020-2025

Pages More than 150

Market Representation / Units Revenue in US $ Million

Report Coverage Market Trends & Forecasts, Competitor Analysis, New Product Development, Company Expansion, Merger, Acquisitions & Joint Venture, and Company Profiling

Market Segments Technology (High Pressure Processing, Peak Expiratory Flow, Irradiation, Ultrasound, and Cold Plasma), Food Type (Meat and Beverages), and Function (Microbial Inactivation and Quality Assurance)

Regional Scope North America (USA, Mexico, and Canada), Europe (United Kingdom, Spain, Germany, and France), Asia (China, India, and Japan), and ROW (Brazil)

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