

Global Surface Enhanced Raman Spectroscopy (SERS) Market by Size, by Type, by Application, by Region, History and Forecast 2019-2030

<https://marketpublishers.com/r/G558D46AD8C2EN.html>

Date: April 2024

Pages: 134

Price: US\$ 3,950.00 (Single User License)

ID: G558D46AD8C2EN

Abstracts

Surface Enhanced Raman Spectroscopy (SERS) is a kind of surface sensitive technology that can enhance Raman scattering through molecules adsorbed on rough metal surfaces or nanostructures such as plasma magnetic silica nanotubes. Surface enhanced Raman spectroscopy (SERS) can detect individual molecules.

According to APO Research, The global Surface Enhanced Raman Spectroscopy (SERS) market is projected to grow from US\$ million in 2024 to US\$ million by 2030, at a Compound Annual Growth Rate (CAGR) of % during the forecast period.

Global Surface Enhanced Raman Spectroscopy (SERS) key players include Horiba, Thermo, Renishaw, B&W Tek, etc. Global top four manufacturers hold a share over 60%.

North America is the largest market, with a share over 30%, followed by Europe and Asia-Pacific, both have a share about 60 percent.

In terms of product, Potable Type is the largest segment, with a share over 70%. And in terms of application, the largest application is Biology & Medicine, followed by Chemical Industry, Food, etc.

In terms of production side, this report researches the Surface Enhanced Raman Spectroscopy (SERS) production, growth rate, market share by manufacturers and by region (region level and country level), from 2019 to 2024, and forecast to 2030.

In terms of consumption side, this report focuses on the sales of Surface Enhanced

Raman Spectroscopy (SERS) by region (region level and country level), by company, by type and by application. from 2019 to 2024 and forecast to 2030.

This report presents an overview of global market for Surface Enhanced Raman Spectroscopy (SERS), capacity, output, revenue and price. Analyses of the global market trends, with historic market revenue or sales data for 2019 - 2023, estimates for 2024, and projections of CAGR through 2030.

This report researches the key producers of Surface Enhanced Raman Spectroscopy (SERS), also provides the consumption of main regions and countries. Of the upcoming market potential for Surface Enhanced Raman Spectroscopy (SERS), and key regions or countries of focus to forecast this market into various segments and sub-segments. Country specific data and market value analysis for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, Middle East, Africa, and Other Countries.

This report focuses on the Surface Enhanced Raman Spectroscopy (SERS) sales, revenue, market share and industry ranking of main manufacturers, data from 2019 to 2024. Identification of the major stakeholders in the global Surface Enhanced Raman Spectroscopy (SERS) market, and analysis of their competitive landscape and market positioning based on recent developments and segmental revenues. This report will help stakeholders to understand the competitive landscape and gain more insights and position their businesses and market strategies in a better way.

This report analyzes the segments data by type and by application, sales, revenue, and price, from 2019 to 2030. Evaluation and forecast the market size for Surface Enhanced Raman Spectroscopy (SERS) sales, projected growth trends, production technology, application and end-user industry.

Descriptive company profiles of the major global players, including Horiba Jobin Yvon, Thermo, Renishaw, B&W Tek, Ocean Insight, WITec, JASCO, Real Time Analyzers? Inc and Sciaps, etc.

Surface Enhanced Raman Spectroscopy (SERS) segment by Company

Horiba Jobin Yvon

Thermo

Renishaw

B&W Tek

Ocean Insight

WITec

JASCO

Real Time Analyzers? Inc

Sciaps

Surface Enhanced Raman Spectroscopy (SERS) segment by Type

Desktop Type

Potable Type

Surface Enhanced Raman Spectroscopy (SERS) segment by Application

Biology & Medicine

Chemical Industry

Food

Others

Surface Enhanced Raman Spectroscopy (SERS) segment by Region

North America

U.S.

Canada

Europe

Germany

France

U.K.

Italy

Russia

Asia-Pacific

China

Japan

South Korea

India

Australia

China Taiwan

Indonesia

Thailand

Malaysia

Latin America

Mexico

Brazil

Argentina

Middle East & Africa

Turkey

Saudi Arabia

UAE

Study Objectives

1. To analyze and research the global status and future forecast, involving, production, value, consumption, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, capacity, production, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.
6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Surface Enhanced Raman Spectroscopy (SERS) market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the

competition pattern of the market.

2. This report will help stakeholders to understand the global industry status and trends of Surface Enhanced Raman Spectroscopy (SERS) and provides them with information on key market drivers, restraints, challenges, and opportunities.

3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.

4. This report stays updated with novel technology integration, features, and the latest developments in the market.

5. This report helps stakeholders to gain insights into which regions to target globally.

6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Surface Enhanced Raman Spectroscopy (SERS).

7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1: Provides an overview of the Surface Enhanced Raman Spectroscopy (SERS) market, including product definition, global market growth prospects, production value, capacity, and average price forecasts (2019-2030).

Chapter 2: Analysis key trends, drivers, challenges, and opportunities within the global Surface Enhanced Raman Spectroscopy (SERS) industry.

Chapter 3: Detailed analysis of Surface Enhanced Raman Spectroscopy (SERS) market competition landscape. Including Surface Enhanced Raman Spectroscopy (SERS) manufacturers' output value, output and average price from 2019 to 2024, as well as competition analysis indicators such as origin, product type, application, merger and acquisition information, etc.

Chapter 4: Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the

blue ocean market in different market segments.

Chapter 5: Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 6: Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 7: Production/Production Value of Surface Enhanced Raman Spectroscopy (SERS) by region. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 8: Consumption of Surface Enhanced Raman Spectroscopy (SERS) in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 9: Analysis of industrial chain, including the upstream and downstream of the industry.

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