

Global Near Infrared (NIR) Portable Spectrometer Market Size study, By Spectrometer Type (Optical Spectrometer, Mass Spectrometer, Fluorescence Spectrometer, High-Resolution Spectrometer, Others), By Technique (Atomic Spectroscopy, Mass Spectrometry, Molecular Spectroscopy, Fluorescence Spectroscopy), By Application (Nanotechnology, Drug Discovery, Environmental Testing, Food and Agriculture, Life Sciences, Materials Chemistry, Forensic Science, Others), and Regional Forecasts 2022-2028

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Abstracts

Global Near Infrared (NIR) Portable Spectrometer Market is valued approximately USD XX million in 2021 and is anticipated to grow with a healthy growth rate of more than XX % over the forecast period 2022-2028. Near Infrared (NIR) Portable Spectrometer is a device based on non-invasive optical imaging technique. It is utilized in non-invasive or minimally invasive diagnostic applications. In food & beverages and agriculture industry NIR Spectrometer are used for measuring food content such as protein, carbohydrate, moisture, fat, food oils and different polymers. Portable NIR spectrometer offers several advantages such as small size, low cost, robustness, simplicity of analysis, sample user interface, portability, and ergonomic design. The growing pharmaceuticals industry globally and increasing end use application of near infrared (NIR) portable spectrometer as well as recent partnership activities between leading market players are key factors accelerating Near Infrared (NIR) Portable Spectrometer Market. For instance, as of 2022, revenue of global pharmaceuticals industry is estimated at USD 1,110 billion, and

it is projected to reach to USD 1398 billion by 2026. Furthermore, in October 2021, BASF Animal Nutrition and trinamiX GmbH, a subsidiary company of BASF SE, announced collaboration to launch new Mobile Near Infrared (NIR) Spectroscopy Solution named trinamiX' for animal feed industry. This new portable solution offers fast and reliable on-site analysis of animal feed and ingredients. Also, growing food and beverage industry in emerging economies and increasing prevalence of chronic diseases are anticipated to act as a catalyzing factor for the market demand during the forecast period. However, high costs associated with portable spectrometer and availability of low-cost substitutes impede the growth of the market over the forecast period of 2022-2028.

The key regions considered for the global Near Infrared (NIR) Portable Spectrometer Market study include Asia Pacific, North America, Europe, Latin America, and the Rest of the World. North America is the leading region across the world in terms of market share owing to the growing number of research and development activities and presence of leading market players. Whereas, Asia Pacific is anticipated to exhibit a significant growth rate over the forecast period 2022-2028. Factors such as growing pharmaceuticals sector and increasing prevalence of chronic diseases in the region, would create lucrative growth prospects for the Near Infrared (NIR) Portable Spectrometer Market across the Asia Pacific region.

Major market players included in this report are:

Thermo Fisher Scientific Inc. (US)
Anton Paar GmbH (Austria)
Bruker (US)
PerkinElmer Inc. (US)
Hitachi High-Tech Corporation (Japan)
ABB (Sweden)
Agilent Technologies, Inc. (US)
JASCO. (Japan)
Newport Corporation (US)
Oxford Instruments (UK)

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors &

challenges which will define the future growth of the market. Additionally, the report shall also incorporate available opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Spectrometer Type

Optical Spectrometer

Mass Spectrometer

Fluorescence Spectrometer

High-Resolution Spectrometer

Others

By Technique

Atomic Spectroscopy

Mass Spectrometry

Molecular Spectroscopy

Fluorescence Spectroscopy

By Application

Nanotechnology

Drug Discovery

Environmental Testing

Food and Agriculture

Life Sciences

Materials Chemistry

Forensic Science

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2018, 2019, 2020

Base year – 2021

Forecast period – 2022 to 2028

Target Audience of the Global Near Infrared (NIR) Portable Spectrometer Market in Market Study:

Key Consulting Companies & Advisors
Large, medium-sized, and small enterprises
Venture capitalists
Value-Added Resellers (VARs)
Third-party knowledge providers
Investment bankers
Investors

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