

Global Magnetic Nanoparticle Market Size study, by Product Type (Nanopowder, Solution, Dispersion), Application (Medical, Electronics, Waste Water Treatment, Energy, Other) and Regional Forecasts 2021-2027

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Abstracts

Global Magnetic Nanoparticle Market is valued approximately USD 53.12 million in 2020 and is anticipated to grow with a healthy growth rate of more than 10 % over the forecast period 2021-2027. Magnetic Nanoparticles are prepared from iron, cobalt metals, and also from different iron oxides and cobalt alloys. Fabrications of MNPs are either done by mechanical attrition or by chemical synthesis. MNPs are being developed for diagnostic and therapeutic applications such as magnetic resonance imaging (MRI) contrast agents and development of MNP-based targeted drug delivery. The increasing investments in healthcare services, growing electronic industry, increasing geriatric population and strategic development between hospitals and urgent care providers has led the adoption of Magnetic Nanoparticle across the forecast period. In health care services, its used for cancer therapy and as contrast agents for MRI and have refined molecular imaging. For instance, in India, as per the health ministry, the 2021 budget's proposed healthcare outlay of 2.24L crore represents roughly 6.5% of the government's overall budget of 34.5L crore. Although this represents a 137% increase in nominal terms over the 2020 budget, as per statista, England had the highest expenditure on health amounting to approximately 136 billion British pounds. However, high manufacturing costs, volatility in raw material prices, and regulations impede the growth of the market over the forecast period of 2021-2027. Also, with the increasing prevalence of cancer patients and growing health infrastructure has led the adoption & demand for Magnetic Nanoparticle and is likely to increase the market growth during the forecast period.

The main regions of Asia Pacific, North America, Europe, Latin America, and the Rest of the World are considered in the geographical study of the global Magnetic Nanoparticle market. Europe is a significant region across the world in terms of market share as increase in spending in Research and Development activities, increase in nanoparticle market. Whereas, North America will predicted to exhibit highest growth rate over the forecast period 2021-2027. Factors such as increase in the consumption of magnetic nanoparticles, growth in research areas and improving healthcare infrastructure would create lucrative growth prospects for the Magnetic Nanoparticle market across North America region.

Major market player included in this report are:

Cathay Industries
Toda Kogyo
NN-Labs
Nanoshel
NanoComposix
Nvigen
CAN GmbH
Nanografi
Cytodiagnostics

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 Product Type:

Nanopowder
Solution
Dispersion

By Application:

Medical
Electronics
Waste Water Treatment
Energy

Other

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

Base year – 2020

Forecast period – 2021 to 2027

Target Audience of the Global Magnetic Nanoparticle 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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