

Nano Magnetics Market 2019 Global Trends, Share, Growth, Analysis, Opportunities and Forecast To 2026

PUNE, MAHARASHTRA, INDIA, May 20, 2019 /EINPresswire.com/ -- Summary:

A new market study, titled "Discover Global Nano Magnetics Market Upcoming Trends, Growth Drivers and Challenges" has been featured on WiseGuyReports.

Introduction

Global Nano Magnetics Market Overview

Nano Magnetics is different from conventional magnetic systems but possesses magnetic properties owing to the nano-structural alignment of particles. Nanomagnets exhibit instantaneous magnetic behavior at zero applied magnetic fields. The small size of nanomagnets avoid the formation of magnetic domains. At particular low temperatures, nanomagnets exhibit quantum behavior which is widely used for high-resolution imaging purposes in the characterization of materials and cellular imaging in healthcare sectors.

The Global Nano Magnetics Market was worth USD XX million in 2018 and is forecasted to reach USD XX billion by 2026, growing at a CAGR of XX% during the forecast period (2019-2026).

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Global Nano Magnetics Market – Market Dynamics

Increasing demand for nanotechnology, the need for energy efficient devices and growth of the medical industry are the key factors responsible for boosting the Nano magnetics market.

The growing global energy demand is posing a significant problem for the governments of the world in managing energy consumption and power generation rates. According to the BP Statistical Review of World Energy 2018, the global energy demand grew by 2.2% in 2017 compared to 1.2% in 2016, the fastest growth observed in the past four years. Furthermore, the global power generation increased by 2.2% in 2017. Owing to the rapidly growing primary energy consumption by the countries of the world, the need for developing energy efficient devices is rising, and this is expected to drive the global Nano magnetics market in the future.

High investment requirements for R&D of nanomagnetic devices, high prices, a shortage of knowledge of advanced manufacturing processes of nanomagnetic devices and availability of skilled labor and engineers are the crucial aspects are hampering the global nano magnetics market.

Development and manufacturing of nanomagnetic devices require the involvement of skilled labor and engineers who are familiar with complex manufacturing processes. Unavailability of skilled labor who are well acquainted in working with sophisticated machines used in the manufacturing processes of Nanomagnetic devices will pose a significant problem to the company. According to Korn Ferry's Global Talent Crunch study, the manufacturing industry will face a deficit crisis of 7.9 million skilled workers by 2030. Thus, shortage of skilled labor is a major restraining factor which might impede the growth of the global nano magnetics market.

Global Nano Magnetics Market – Segmentation Analysis

The Global Nano Magnetics Market is segmented by type of product, application, and geography.

On the basis of the type of product, the market is segmented as Sensors, Imaging, Data Storage, medical and genetics and others. The medical and genetics sector is the dominant segment of the global Nano Magnetics Market owing to the increasing applications in the Healthcare

Industry. Advancements in the biomedical industry have led to the development of Nanoscale diagnostic devices which help in sensing the vital statistics of the body at an accurate level. Nano magnetics are widely adopted in peripheral artery diseases and surgical procedures. Nanomagnetic devices are also used in drug delivery systems and diagnosis of devices like cancer. According to the World trade statistical review conducted by the World Trade Organization (WTO), the global medical technology market in 2017 was worth USD 430 billion, and this is growing at an annual rate of 4.2% per year. The global spending on biomedical technology research and development in 2017 was about USD 28 billion. Owing to this fact that the global biomedical industry is growing at a rapid pace, the medical and genetics segment is anticipated to dominate the global Nano magnetics market in the future.

Global Nano Magnetics Market – Competitive Analysis

Some of the major players in this market incorporate competitive strategies like mergers and acquisitions to improve their market competitiveness. For instance, in January 2018, Hitachi Healthcare Americas Corporation, a wholly owned subsidiary of Hitachi Ltd has acquired VidiStar LLC with an aim to expand its business in clinical reporting and analytics for diagnostic imaging.

Scope of the Report

The report covers the factors impacting the market, Porter 5 Forces, Market Share Analysis, Price trend analysis, Product Benchmarking, and company profiles.

Based on the type of the product, the market is segmented as Sensors, Data Storage, Imaging, medical and genetics, and others. Based on the end user application, the market is segmented as Healthcare Industry, Electronics Industry, Manufacturing Industry, and others. Based on the geography, the market is segmented into the following regions North America, South America, Asia-Pacific, Europe and Rest of the World.

The report profiles the following companies Samsung Electronics, IBM Corp, Intel Corp, Fujitsu Labs, Novanta, Amkor Technology, Quantum Design, Bayer Schering Pharma AG, LG Electronics and Hitachi.

Why Purchase the Report?

- Visualize the composition of the Global Nano Magnetics Market across each indication, in terms of type, application, material, and function highlighting the critical commercial drivers, restraints, and players.
- Identify commercial opportunities in Global Nano Magnetics Market by analyzing trends and co-development deals.
- Excel data sheet with thousands of data points of the Global Nano Magnetics Market - level 4/5 segmentation.
- PDF report with the most relevant analysis cogently put together after exhaustive qualitative interviews and in-depth market study.
- Product mapping in excel for the key products of all major market players

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Target Audience:

- Equipment Suppliers/ Buyers
- Service Providers/ Buyers
- Industry Investors/Investment Bankers
- Education & Research Institutes
- Research Professionals
- Emerging Companies
- Manufacturers

Table of Contents

1. GLOBAL NANO MAGNETICS MARKET -SCOPE AND METHODOLOGY

2. GLOBAL NANO MAGNETICS MARKET –KEY TRENDS AND DEVELOPMENTS
3. INDUSTRY ANALYSIS
4. GLOBAL NANO MAGNETICS MARKET – SEGMENTATION
5. GLOBAL SMARTPHONE IMAGE SENSORS – BY GEOGRAPHY
6. COMPETITIVE LANDSCAPE
7. COMPANY PROFILES

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