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Cleanroom Technology - Global Market Outlook (2020-2028)

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Abstracts

According to Stratistics MRC, the Global Cleanroom Technology Market is accounted for $5.10 billion in 2020 and is expected to reach $10.31 billion by 2028 growing at a CAGR of 9.2% during the forecast period. Rising demand for parenteral and injectable pharmaceutical formulations, increasing demand for installing cleanroom technology to develop and improve quality of products in various industries, stringent regulatory framework, increasing demand for medical devices, and technological advancements in cleanroom technology are driving the market growth. However, high operational cost associated with cleanrooms may hamper the market growth.

Cleanroom is an enclosed area in which concentration of airborne particles is controlled, and is constructed and used in a manner to minimize airborne particulates, pollutants, and chemical vapors inside the room. Cleanroom also controls other relevant parameters such as temperature, humidity, and pressure. These are used in various industries such as biotechnology, pharmaceuticals, hardware, etc. This technology protects final products as well as process of manufacturing against pollutants. Cleanroom technology is majorly used in semiconductor fabrication industry, where processors are produced for computers, cars, and other machines.

Based on the product, the consumables segment is going to have lucrative growth during the forecast period, due to growing number of pharmaceutical, biotech, and medical device companies facilitating the use of disposable protective clothing. Also, the large number of R&D activities in the healthcare industry is resulting in a stable demand for cleanroom consumables among end-users. Cleanroom consumables consist of disposable and reusable materials, such as face masks, beard covers, gloves, wipers, swabs, sticky mats, and adhesive tapes. These consumables play a critical role in maintaining cleanliness standards. Use of consumables ensures prevention of

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contamination from hands, shoes, beard, and hair of personnel.

By geography, Asia Pacific is going to have high growth during the forecast period, due to its favorable government regulations, increasing healthcare expenditure, and growing base of pharma companies, all of which are driving adoption of cleanroom solutions in the Asia Pacific. The major drivers for the growth of pharmaceutical industry in Asia Pacific are the increase in production of generic drugs due to patent expirations of blockbusters, growth in geriatric population, and the rise in burden of non-communicable diseases such as cardiovascular diseases, cancers, and diabetes. These aforementioned factors can be attributed to the growth of the market for cleanroom technology.

Some of the key players profiled in the Cleanroom Technology Market include Alpiq Holding Ltd., Ansell Lts, Ardmac Ltd., Azbil Corporation, Cleanroom Systems Belgium, Cleanroom.de GmbH, DuPont de Nemours Inc., Illinois Tool Works Inc., Kimberly-Clark Corporation, M+W Group GmbH, Mach-Aire Ltd., Monmouth Scientific Ltd., OCTANORM-Vertriebs-GmbH, Parteco Srl, and Taikisha Ltd.

Standards Covered:

United States Federal Standard (US FED STD) 2010E

International Organization for Standardization (ISO) 14644-1

British Standard (BS) 52105

Good Manufacturing Practice European Union (GMP EU)

Construction Types Covered:

Material

Design

Products Covered:

Cleanroom Equipment

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Consumables

Controls

Cleanroom Solutions

End Users Covered:

Medical Device Manufacturers

Healthcare Industry & Diagnostic Centers

Pharmaceutical Industry

Biotechnology Industry

Research Laboratories and Institutes

Patients

Semiconductor and Electronic Industry/Hardware Industry

Aerospace

Miscellaneous Applications

Automotive Industry

Hospitals & Treatment Facilities

Clinics

Sales channels Covered:

Distributor

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- Direct Sales

Regions Covered:

- North America
  - US
  - Canada
  - Mexico
- Europe
  - Germany
  - UK
  - Italy
  - France
  - Spain
  - Rest of Europe
- Asia Pacific
  - Japan
  - China
  - India
  - Australia
  - New Zealand

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South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country-level segments

Strategic recommendations for the new entrants

Covers Market data for the years 2019, 2020, 2021, 2025 and 2028

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market

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estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

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Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

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12.11 Mach-Aire Ltd.
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12.13 OCTANORM-Vertriebs-GmbH
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Africa Regions are also represented in the same manner as above.

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