
Description:

A cleanroom is basically an enclosed area/environment with controlled/low levels of pollutants such as dust, microbes and chemical vapors. It even provides control over various environmental parameters such as temperature, humidity and pressure. They are used for protection of products as well as workers from contamination. The global cleanroom technology market is estimated to be worth $3.0 billion in 2015 and is projected to grow at a CAGR of 4.98% during the forecast period to reach $3.83 billion by 2020.

The market is dominated by the North America followed by European region, due to technological advancements and innovations taking place in healthcare industry. However, the growing healthcare/pharmaceutical market, with the continued initiatives taken by the governments towards safety of products and increasing demand for better quality healthcare products in emerging economies, will generate significant growth by 2020. India and China will be the fastest growing countries for cleanroom technology market for forecast period (2015-2020). Cleanroom technologies are practically used across different industries, where even small particles can negatively affect the production process. As they vary in size and complexities, they are widely used in hospitals, biotechnology industries, pharmaceutical industries, medical devices manufacturers, plastic industries and food industries.

Global cleanroom technology is segmented based on equipment, construction type, apparels, consumables, application, end-users and geography. As per equipment classification, the market is segmented into cleanroom air showers, HVAC System, HEPA filters, desiccator cabinets, environmental monitoring system, glove boxes and isolators. On similar grounds, the construction segment is classified into hard wall cleanrooms, soft wall cleanrooms, terminal boxes/pass-through cabinets and standard/drywall cleanrooms. Finally, based on apparel segment, the cleanroom technology is segmented into suits, shoes, Tyvek garments, polypropylene garments and aprons.

Some of the market players mentioned in the report are Royal Imtech N.V., Azbil Corporation, Taikisha Ltd., Kimberly-Clark Corporation, Ardmac, Ltd., Clean Air Products, Illinois Tool Works, Inc. and Hartalega Holdings Berhad.

DRIVERS

The advancement of technology with the rise in safety concerns, healthcare expenditure, demand for quality products and the expansion of pharmaceutical and biotechnological industries pose to be some of the major drivers stimulating the growth of this segment.

CHALLENGES

Maintaining a good quality of products over a long period as well as the customized designing of cleanrooms according to the product and facility requirements are some of the major challenge faced by the Global Cleanroom technology market.

WHAT THE REPORT OFFERS

Market Definition for the specified topic along with identification of key drivers and restraints for the market
Market analysis of the global cleanroom technology market, with regional specific assessments
Identification of factors instrumental in changing the market scenarios and in offering prospective opportunities
Identification of key companies, which can influence the market on both the global and regional scales
Extensively researched competitive landscape section with profiles of major companies along with their strategic initiatives and market shares
Identification and analysis of the macro and micro factors that affect the global cleanroom technology market on both global and regional scale.
A comprehensive list of key market players along with the analysis of their current strategic interests and key financial information
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