

Global Sterilization Technologies Market (2016 - 2022)

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Abstracts

Sterilization Technologies are the processes used to reduce the growth of all viable life forms such as bacteria, viruses, fungi, and spore forms from the surfaces of equipment, pharmaceuticals, medications, food ingredients, and biological culture medium. Sterilization Technologies are widely used in the medical centers, life sciences, food processing, pharmaceutical, agriculture and cosmetics. Majority of the products in the healthcare facilities and medical device industry are terminally sterilized. There are many types of sterilization methods such as Steam Sterilization, Ethylene Oxide, Depyrogenation/Dry heat, chemical sterilization, radiation and sterile filtration.

The drivers beneficial for the growth of sterilization technologies market are the reinforcing demand in technological advancement such as endoscopes and analysers, growth in genetic population, and rise in hospital-acquired infections. The factors hampering the market growth are the cost associated with sterilization technologies and introduction of new devices such as bandages, syringes, etc. Introduction of new devices could be one of the major threats to the market growth. However, growing usage of sterilization technologies in emerging economics could be an opportunity for the market expansion.

Based on the Method, the Sterilization Technologies market is segmented into Chemical & Gas Sterilization, Filtration Sterilization, Ionizing Radiation Sterilization and Thermal Sterilization. The Chemical & Gas Sterilization market is segmented into Ethylene oxide, Formaldehyde and Others. Filtration Sterilization is further segmented Liquid and Air & Gas. The Ionizing Radiation Sterilization is further categorized into Gamma Radiation, Electron beam Radiation and OthersThe Thermal Sterilization is further sub divided into Autoclaving, Distillation, Pasteurization, Retorting and Others. The Applications highlighted in this report include Pharmaceuticals, Medical Devices, Food & Beverage, Agriculture, Cosmetic, Manufacturing and Others.



Based on region, Sterilization Technologies market is segmented into North America (US, Canada, Mexico and Rest of North America), Europe (Germany, UK, France, Russia, Spain, Italy and Rest of Europe), Asia-Pacific (China, Japan, India, South Korea, Singapore, Malaysia and Rest of Asia-Pacific) and Latin America, and Middle East & Africa. North America remained the dominant region in the global Sterilization Technologies market in 2015. Asia-Pacific would witness promising CAGR during the forecast period (2016-2022).

The report covers the analysis of key stake holders of the Sterilization Technologies market. Key companies profiled in the report include 3M Company, Steris Plc, Getinge Group, Cantel Medical Corporation, Tso3, Nordian Inc., Atec Pharmatechnik GmbH and Noxilizer Inc.



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