

Single-use Medical Device Reprocessing Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global single-use medical device reprocessing market size reached US\$ 713.8 Million in 2022. Looking forward, IMARC Group expects the market to reach US\$ 1,543.0 Million by 2028, exhibiting a growth rate (CAGR) of 12.94% during 2023-2028.

Reprocessing is a multistep and detailed process for cleaning and subsequently disinfecting or sterilizing single-use medical devices that leads to the safe use of a medical device. Single-use medical devices are reprocessed by cleaning the visible and non-visible materials, disinfecting the device, quality inspecting, sterilizing to meet the reuse parameters, and repacking the equipment. Non-critical devices are cleaned and disinfected at a low- or intermediate level if shared between patients, and semi-critical devices must be cleaned, sterilized, and disinfected at a high level. In contrast, critical device reprocessing must start with a thorough cleaning, followed by numerous sterilization procedures, including steam sterilization, vaporized hydrogen peroxide sterilization, and liquid chemical sterilization. The reprocessing can be done via third-party processing or in-hospital processing. Lately, reprocessing has gained traction for its ability to save medical expenditure.

Single-use Medical Device Reprocessing Market Trends:

The market is majorly driven by the augmenting cost pressures due to the rising price of original medical equipment. This can be attributed to the increasing penetration for single-use medical devices in small and mid-sized hospitals. In addition to this, favorable regulatory standards undertaken by government bodies of several countries fostering the adoption of reprocessed medical devices is creating lucrative opportunities for the major market players to extend their geographic presence. A considerable expansion in the number of healthcare facilities is also resulting in the escalating

demand for advanced reprocessing technology, thereby pushing medical device OEMs towards outsourcing services. Apart from this, the widespread incidences of chronic disorders, along with the increasing number of surgical procedures, are providing an impetus to the market. Some of the other factors contributing to the market growth include the rising trend of sustainable development, continual technological advancements in equipment manufacturing and refurbishing, the growing geriatric population and extensive research and development (R&D) activities.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global single-use medical device reprocessing market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on device type, application and end user.

Breakup by Device Type:

Class I Devices

- Laparoscopic Graspers

- Scalpels

- Tourniquet Cuffs

- Other Class I Devices

Class II Devices

- Pulse Oximeter Sensors

- Sequential Compression Sleeves

- Catheters and Guidewires

- Other Class II Devices

Breakup by Application:

- General Surgery

- Anesthesia

- Arthroscopy and Orthopaedic Surgery

- Cardiology

- Gastroenterology

- Gynaecology

- Urology

- Others

Breakup by End User:

Hospitals
Ambulatory Surgical Centers
Others

Breakup by Region:

North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Arjo Inc., Innovative Health, Johnson & Johnson, Medline Industries LP, NEScientific Inc., Steripro Canada, Stryker Corporation, SureTek Medical and Vanguard AG.

Key Questions Answered in This Report

1. What was the size of the global single-use medical device reprocessing market in 2022?
2. What is the expected growth rate of the global single-use medical device reprocessing market during 2023-2028?
3. What are the key factors driving the global single-use medical device reprocessing market?
4. What has been the impact of COVID-19 on the global single-use medical device reprocessing market?
5. What is the breakup of the global single-use medical device reprocessing market based on the device type?
6. What is the breakup of the global single-use medical device reprocessing market based on the end user?
7. What are the key regions in the global single-use medical device reprocessing market?
8. Who are the key players/companies in the global single-use medical device reprocessing market?

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