

Disposable Endoscopes - Market Insights, Competitive Landscape and Market Forecast-2027

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Report description:

Disposable Endoscopes Market By Product (Bronchoscopes, Gastrosopes, Duodenoscopes, Laryngoscope And Others), By Application (Pulmonology, Gastroenterology, Urology, Ent, And Others), By End-User (Hospitals, Ambulatory Surgical Centers (ASC), And Others), and by geography is estimated to register appreciable CAGR forecast till 2027 owing to the growing prevalence of various disorders including gastrointestinal tract, respiratory tract, urinary tract, reproductive tract, and others among population and the rising adoption of technologically advanced single used endoscopes owing to their advantage over reusable endoscopes

Global disposable endoscopes market was valued at USD 1.69 billion in 2021, growing at a CAGR of 12.44% during the forecast period from 2022 to 2027 to reach USD 3.41 billion by 2027. The demand for disposable endoscopes is primarily being boosted by the increasing prevalence of various disorders related to gastrointestinal tract, respiratory tract and others amongst the population and the onset of COVID-19 pandemic that has raised the market for disposable endoscopes contributing in the overall growth of the disposable endoscopes market during the forecast period from 2021-2026.

Disposable Endoscopes Market Dynamics:

The disposable endoscopes market is experiencing increasing product demand due to a variety of factors. One of the important factors is the rising adoption of technologically advanced single-use endoscopes owing to their advantages over the reusable endoscopes. The rising issue of cross-contamination in reusable endoscopes is one of the major factors expected to drive market growth. Moreover, reprocessing of the reusable endoscopes has been a hindrance to patient safety. Also, rise in infection caused by *Pseudomonas aeruginosa*, *Salmonella* species, *Enterobacteriaceae*, and other dangerous microorganisms transferred between endoscopic procedures have become more prevalent in recent years while using conventional reusable endoscopes. According to a study published in the year 2018, approximately 71% of the fully reprocessed endoscopes had presence of microbial growth in

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them. Furthermore, recommendation by government authorities to use disposable endoscopes to lower the risk of transmission of various infection is also expected to increase the market for single use endoscopes. For instance, in the year 2019, FDA recommended to health care facilities and manufacturers begin transitioning to duodenoscopes with disposable components to reduce risk of patient infection. In addition, advantages such as lower risk of damage, time efficiency offered by the single use endoscope, among others is likely to propel the single-use endoscopes demand in the forthcoming years. Therefore, owing to the rising adoption of technologically advanced single-use endoscopes and their advantages when compared with the reusable endoscopes, will contribute in the growth of the disposable endoscopes market during the forecast period from 2022-2027.

Moreover, another key factor responsible for driving the demand for disposable endoscopes is the rising prevalence of various disorders associated with gastrointestinal tract, respiratory tract, urinary tract among others. For instance, according to the University of Gothenburg 2021, in the year 2020, for every ten adults in the world, four tend to suffer from functional gastrointestinal disorders of varying severity. Additionally, as per the World Health Organization 2022, in 2020 approximately 235 million individuals were suffering from asthma, a common disease in children. Therefore, owing to the rising prevalence of various disorders such as gastrointestinal tract or respiratory disorders, there will be a rise in the demand of disposable endoscopes as several disorders will require severe imaging, thereby contributing to the overall increase in the disposable endoscopes market growth during the forecasting period of 2022-27.

However, various disposable endoscopes might lead to accumulation of a lot of medical waste, thus leading to a threat in the environment, leading to hindrance in the disposable endoscopes market growth.

The disposable endoscopes market has experienced a period of temporary recession as lockdown restrictions have been enforced as a necessary step to curb the spread of COVID-19 infections. One of the major impacts of lockdowns were observed in the disruption of production process and supply chains across the globe. Along with this, the significant decrease in the medical procedures due to prioritizing of COVID-19 infection-associated patient load, there was a striking decrease in the product demand because of that. However, the disposable endoscopes market is in the recovery stage, with numerous COVID-19 vaccines being approved and administered worldwide, and activities have begun in various areas such as medical services thereby presenting a positive growth environment for the disposable endoscopes market.

Disposable Endoscopes Market Segment Analysis:

Disposable Endoscopes Market By Product (Bronchoscopes, Gastrosopes, Duodenoscopes, Laryngoscope and Others), By Application (Pulmonology, Gastroenterology, Urology, ENT, and Others), By End-User (Hospitals, Ambulatory Surgical Centers, and Others), and by Geography (North America, Europe, Asia-Pacific, and Rest of the World)

In the product segment of the disposable endoscopes market, the bronchoscopes category is expected to amass a significant share in the market revenue during the forecast period. This can be ascribed to their advantages such as the use of bronchoscopes in the diagnosis and treatment of tumors and bronchial cancers, airway blockage (obstruction), narrowed areas in the airways, interstitial pulmonary diseases among others.

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Another key aspect contributing in the growing demand for bronchoscopes that also comprises of increased detection and improved access, reaching to the most distant regions of the lungs, earlier diagnosis of lung tumors, better treatment decisions, reduced risk associated with complications, and eliminating the risk associated with invasive surgeries, all of the advantages possible due to the presence of navigational bronchoscopy. Considering the advantages associated with navigational bronchoscopy, there has been a growing acceptance among end users which has resulted in more products reaching the market. For instance, on August 10, 2021, Boston Scientific had received the Food and Drug Administration clearance for EXALT Model B Single-Use Bronchoscope. The product had been designed for use in bedside procedures within the intensive care unit (ICU) and operating room (OR).

North America is expected to dominate the overall Disposable Endoscopes Market:

Among all the regions, North America is estimated to account for the largest share in the disposable endoscopes market. Owing to significance of key growth factors such as rising prevalence of various disorders such as gastrointestinal disorders, and respiratory disorders across the United States which require constant monitoring and diagnosis, thereby increasing the demand of disposable endoscopes, leading to an overall rise in the disposable endoscopes market growth in the forecasting period from 2021-26. For instance, as per the data published by the GLOBOCAN observatory in the year 2020, approximately 2,281,658 new cancer cases were detected in the country in the same year out of 227, 875 new cases were of lung cancer and 101 809 new cases were of colon cancer. Owing to the rising prevalence of lung and colon cancer, there will be an increasing demand of the disposable endoscopes leading to an overall increase in the disposable endoscopes market growth. In addition, growing initiatives by manufacturers to expand their market penetration in the region is also likely to increase the market for disposable endoscopes during the forthcoming years.

For instance, in May 2019, Cook Medical and Ambu A/S entered into a partnership under which Cook will distribute Ambu's single-use, disposable duodenoscope in the U.S., following FDA clearance. Also, in September 2021, EvoEndo, Inc., a medical device company developing systems for unsedated endoscopy, signed a distribution agreement with Micro-Tech Endoscopy USA, Inc. Under the agreement, Micro-Tech will distribute the EvoEndo Single-Use Endoscopy System in the U.S., is expected to begin pending U.S. FDA 510(k) clearance.

Moreover, key manufacturers such as Boston Scientific Corporation receiving product approval for disposable endoscope would also bolster the market in the region. For instance, on August 10, 2021, Boston Scientific Corporation received the US Food and Drug Administration (FDA) 510(k) clearance for its EXALT Model B Single-Use Bronchoscope, designed for use in bedside procedures within the intensive care unit (ICU) and operating room (OR). Owing to the rising approval of disposable endoscopes, there will be an increasing demand of disposable endoscopes causing an overall rise in the disposable endoscopes market growth.

Disposable Endoscopes Market Key Players:

Some of the key market players operating in the disposable endoscopes market includes Olympus Corporation, Boston Scientific Corporation, Ambu Inc., ProSurg Inc., Hill-Rom Services, Inc. (Baxter), Teleflex Incorporated., Flexicare Medical Limited., AUG Medical, NeoScope Inc, Xenocor Inc., 3NT Medical, Corinth MedTech, Inc., PENTAX Medical, Daichuan medical, Dornier MedTech., Innovex Medical Co., Ltd., Hunan Vathin Medical Instrument Co., Ltd., Coloplast Corp, UroViu Corporation, Biorad Medisys Pvt Ltd., and others.

Recent Developmental Activities in Disposable Endoscopes Market:

? On July 17, 2020, Ambu had received the FDA clearance for its sterile, single-use duodenoscope.

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? On December 14, 2019, Food and Drug Administration had cleared Boston Scientific's disposable duodenoscope, EXALT Model D that is a single-use, sterile duodenoscope designed to access a patient's upper gastrointestinal tract to allow physicians to visualize and diagnose bile duct disorders and other conditions in the same manner as a traditional endoscope.

? On May 26, 2021, Pentax Medical Europe had launched the single-use bronchoscope. This innovative product provides high quality care without compromise in pulmonary care. The PENTAX Medical ONE Pulmo is a single-use bronchoscope with superior suction power and HD image quality.

Key Takeaways from the Disposable Endoscopes Market Report Study

? Market size analysis for current disposable endoscopes market size (2021), and market forecast for 5 years (2022-2027)

? The effect of the COVID-19 pandemic on this market is significant. To capture and analyze suitable indicators, our experts are closely watching the disposable endoscopes market.

? Top key product/services/technology developments, merger, acquisition, partnership, joint venture happened for last 3 years

? Key companies dominating the Global Disposable Endoscopes Market.

? Various opportunities available for the other competitor in the Disposable Endoscopes Market space.

? What are the top performing segments in 2021? How these segments will perform in 2027.

? Which is the top-performing regions and countries in the current disposable endoscopes market scenario?

? Which are the regions and countries where companies should have concentrated on opportunities for disposable endoscopes market growth in the coming future?

Target Audience who can be benefited from this Disposable Endoscopes Market Report Study

? Disposable Endoscopes products providers

? Research organizations and consulting companies

? Disposable Endoscopes -related organizations, associations, forums, and other alliances

? Government and corporate offices

? Start-up companies, venture capitalists, and private equity firms

? Distributors and Traders dealing in disposable endoscopes

? Various End-users who want to know more about the Disposable Endoscopes market and latest technological developments in the Disposable Endoscopes market.

Frequently Asked Questions for Disposable Endoscopes Market:

1. What are Disposable Endoscopes?

Disposable endoscopy is an emerging category of endoscopic instruments. Recent developments have allowed the manufacture of endoscopes inexpensive enough to be used on a single patient only. It is meeting a growing demand to lessen the risk of cross contamination and hospital acquired diseases.

2. What is the market for Global Disposable Endoscopes?

Global disposable endoscopes market was valued at USD 1.69 billion in 2021, growing at a CAGR of 12.44% during the forecast period from 2022 to 2027 to reach USD 3.41 billion by 2027.

3. What are the drivers for Global Disposable Endoscopes Market?

The demand for disposable endoscopes is primarily being boosted by the rising prevalence of various disorders associated with the gastrointestinal tract, respiratory tract, urinary tract, reproductive tract, and others among population, Rising adoption of technologically advanced single use endoscopes owing to their advantages over reusable endoscopes, onset of COVID-19

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pandemic raised the market for disposable endoscope and the increase in approval of products and launches thereby contributing in the overall growth of the disposable endoscopes market during the forecast period from 2022-2027.

4. Who are the key players operating in Global Disposable Endoscopes Market?

Some of the key market players operating in the disposable endoscopes market includes Olympus Corporation, Boston Scientific Corporation, Ambu Inc., ProSurg Inc., Hill-Rom Services, Inc. (Baxter), Teleflex Incorporated., Flexicare Medical Limited., AUG Medical, NeoScope Inc, Xenocor Inc., 3NT Medical, Corinth MedTech, Inc., PENTAX Medical, Daichuan medical, Dornier MedTech., Innovex Medical Co., Ltd., Hunan Vathin Medical Instrument Co., Ltd., Coloplast Corp, UroViu Corporation, Biorad Medisys Pvt Ltd., and others.

5. Which region has the highest share in Disposable Endoscopes market?

North America is expected to dominate the overall Disposable Endoscopes market during the forecast period, 2022 to 2027. Owing to significance of key growth factors such as rising prevalence of several disorders of the gastrointestinal tract, respiratory tract, urinary tract, reproductive tract, and others among population, rising adoption of technologically advanced single use endoscopes owing to their advantages over reusable endoscopes the North America disposable endoscopes market is expected to witness positive growth. Furthermore, higher product approvals, and high awareness also helped the market growth in this region.

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