

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

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Report description:

Endoscopes Market By Flexibility Type (Flexible And Rigid), By Disposability Type (Disposable And Reusable), By Product Type (Conventional [Bronchoscopes, Duodenoscopes, Coloscopes, Cystoscopes, Rhinoscopes, And Others] And Non-Conventional [Capsule Endoscopes And Robot-Assisted Endoscopes]), By Application Type (Gastrointestinal, Ent, Oncology, Respiratory, Gynecology, Urology And Others), By End-User (Hospitals And Clinics, Ambulatory Surgical Centers And Other), by geography is expected to grow at a steady cagr forecast till 2027 owing to increased prevalence of chronic diseases which require endoscopes for diagnosis and increased in early diagnosis and treatment of various cancers and some chronic diseases

Global endoscopes market was valued at USD 12.95 billion in 2021, growing at a CAGR of 6.05% during the forecast period from 2022 to 2027 to reach USD 18.32 billion by 2027. The increase in demand for endoscopes is primarily attributed to the increasing prevalence of chronic disease which require the use of endoscopes for diagnosis, such as some gastrointestinal diseases like irritable bowel syndrome (IBD), gastroesophageal reflux disease (GERD), peptic ulcer disease, and crohn's disease, increase in number of geriatric population who are more prone to chronic ailments, increasing awareness and demand of minimally invasive surgeries and no blood loss surgery, and rise in technological advancements in endoscopes like image magnification, high-definition optical systems and digital imaging are anticipated to bolster the market, thereby contributing to the growth of the endoscopes market during the forecast period from 2022-2027.

Endoscopes Market Dynamics:

The endoscopes market is witnessing a growth in product demand owing to various reasons. The increasing use of endoscopes in various applications is anticipated to bolster the market for endoscopes during the forecasted period.

Endoscopes had found their use in various areas of application attributed to increasing prevalence of chronic disorders like IBD, gastroesophageal reflux disease (GERD), peptic ulcer disease, and crohn's disease due to environmental pollution, smoking, unhealthy lifestyles, poor nutrition and diet, and high intake of carcinogenic substances.

According to Centers for Disease Control and Prevention (CDC) 2021, estimated that the number of adults with diagnosed gastrointestinal ulcers was 14.8 million in 2020. Gastrointestinal ulcers includes peptic ulcers, esophageal ulcer, ulcerative colitis and many more. According to American Cancer Society 2022, it was estimated that about 20,640 new esophageal cancer cases were diagnosed with 16,510 in men and 4,130 in women in past year. The diagnosis of esophageal cancer is done by upper endoscopy. The prevalence of esophageal cancer is higher, owing to propel the market of endoscopes.

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Another factor which will affect the market in forecasting period is increasing number of geriatric population. According to WHO, in 2019, the number of people aged 60 years and older was 1 billion. This number is expected to increase to 1.4 billion by 2030 and 2.1 billion by 2050. This increase is occurring at an unprecedented pace and is expected to accelerate in coming decades, particularly in developing countries. The possibility of having a chronic disorder or cancer is higher in the older age, so as the number of geriatric population is increasing, this will increase the probability of increasing prevalence of a chronic ailment in geriatric population thereby owing to increase the product demand in the market.

Also, the increasing awareness and demand of minimally invasive surgery and of no or less blood surgery will bolster the market of endoscopes.

Thus, due to the increasing utilization of endoscopes in various areas of application, there will be a rising demand for endoscopes, in turn increasing the endoscopes market growth.

However, problems in handling of the advanced endoscopes, less knowledge about operating the endoscopes in rural or under-developing area and high cost of new generation instruments may be certain limiting factors of the endoscopes market growth.

The ongoing COVID-19 pandemic has slightly impacted the market for endoscopes. At the onset of the disease, there was a significant shortage, attributed to the imposition of stringent lockdowns to curb the spread of the virus. Hospital admissions for patients suffering from cancers and other chronic disorders were not a priority in comparison to the patients suffering from coronavirus. Production of some medical devices was shutdown. Furthermore, surgeries were temporarily stopped during the pandemic. To reduce the COVID-19 transmission risk, endoscopy centers have postponed and canceled the semi-urgent and elective cases. However, with masses being vaccinated, the endoscopes market has picked momentum.

Endoscopes Market Segment Analysis:

Endoscopes Market by Flexibility Type (Flexible and Rigid), by Disposability Type (Disposable and Reusable), by Product Type (Conventional [Bronchoscopes, Duodenoscopes, Colonoscopes, Cystoscopes, Rhinoscopes, and Others] And Non-Conventional [Capsule Endoscopes and Robot-Assisted Endoscopes]), by Application Type (Gastrointestinal, ENT, Oncology, Respiratory, Gynecology, Urology and Others), by End-User (Hospitals And Clinics, Ambulatory Surgical Centers and Other) and by Geography (North America, Europe, Asia-Pacific, and Rest of the World)

In the Application Type segment of the Endoscopes market, the Gastrointestinal endoscopy are estimated to hold a significant share in the Endoscopes market during the forecast period (2022-2027). This can be ascribed to the various advantages that are associated with these devices.

The demand for gastrointestinal endoscopes is expected to increase during the forecast period. This is owing to the rising prevalence of chronic disease such as inflammatory bowel disease (IBD), which is a group of disorder accompanied with chronic inflammation - pain and swelling - in intestine. IBD includes Crohn's disease and ulcerative colitis. According to Centers for Disease Control and Prevention (CDC) in 2021, a study concluded that the prevalence of IBD increased from 2001 to 2018 among all race and ethnicity groups, with a higher increase rate among non-Hispanic Black adults. It is estimated that the prevalence of IBD among U.S. population will rise to around 3.5 million by 2030, accounting for market growth of endoscopes.

Endoscopes also comprise technological advancements that enable the long and thin tube of endoscopes to enter the body through natural opening like mouth or by minimal by producing minimal cut in the body. These advancements increases the application of early diagnosis and treatment. According to Crohn's and Colitis Canada, 300,000 Canadians are having IBD. By 2030, the number of Canadians with IBD is expected to rise to 400,000 (approximately 1% of the population). People with age 65 years or above are calculated as the fastest growing group of Canadians with IBD. As per the same source, there are over 7,000 Canadian children - under age 18 - living with Crohn's or colitis. The prevalence of the above disorders can be controlled by encouraging and implementing the early diagnosis of these chronic disorders using endoscopes, thereby bolstering the market of endoscopes.

Thus, owing to the technological advancements in the area of endoscopes, there will be an increase in the demand for gastrointestinal endoscopes, which in turn will drive the endoscopes market growth.

North America is expected to dominate the overall Endoscopes Market:

Among all the regions, North America is expected to account for the largest share in the global Endoscopes market. Growing incidence of chronic diseases such as cancer, kidney disease, crohn's disease, improved healthcare expenditure, and the high

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geriatric population will increase the demand for endoscopes in North America, leading to a rise in the overall endoscopes market growth.

For instance, as per the National Cancer Institute 2020, an estimated number of 1,806,590 new cases of cancer were diagnosed in the United States and about 606,520 patients died from the disease. Also, as per the American Cancer Society 2020, 1.9 million new cancer cases were diagnosed. Moreover, according to CDC 2021, number of adults with diagnosed digestive ulcers were 14.8 million.

According to American Cancer Society's publication, Cancer Facts & Figures 2022, estimated that 20,640 adults were diagnosed with esophageal cancer in 2020. As the prevalence of cancers and digestive cancers and other GIT ailments like GERD, peptic ulcer and esophageal ulcer is increasing, this will increase the demand of endoscopes in the diagnostic field thereby propelling the market of endoscopes in the North America.

Another driving factor for endoscope market will be the increasing number of geriatric population. According to Government of Canada 2021, by 2030 seniors are expected to over 9.5 million and make up 23% of Canadians. Moreover, as per the same source, by 2036, the average life expectancy at birth for women will rise to 86.2 years from the current 84.2 and to 82.9 years from the current 80 for men. Geriatric patients are more susceptible to cancer and chronic ailments owing to the increased diagnosis rate of these disorders. As the number of geriatric people is expected to increase in the forecast period a rise in demand of endoscopes in the market is seen in the forecast period in the region.

Thus, all the above-mentioned factors are anticipated to propel the market for Endoscopes in the North America.

Endoscopes Market Key Players:

Some of the key market players operating in the Endoscopes market include Boston Scientific Corporation, CONMED Corporation, OLYMPUS CORPORATION, PENTAX Medical, FUJIFILM Holdings America Corporation, Stryker., Karl Storz GmbH & Co., KG, Richard Wolf GmbH., Medtronic, Machida Endoscope Co., Ltd, Pro Scope Systems, Laborie., AED.MD, EMED, Happersberger otofront GmbH, Optomic., EMOS Technology GmbH, Delmont imaging, Luxamed - Medical technology, Hangzhou Kangji Medical Instrument Co.,Ltd., Daichuan medical, among others.

Recent Developmental Activities in the Endoscopes Market:

? In March 2022, Shenzhen Xzing Technology Co. Ltd.'s was granted the National Medical Products Administration (NMPA's) class II approval for Endofresh disposable upper gastrointestinal (GI) endoscope. The approved product will be used for upper gastrointestinal GI endoscopy, diagnosis and treatment.

? In November 2021, Medtronic plc announced that the U.S. Food and Drug Administration (FDA) has granted 510(k) clearance for its PillCam (Capsule endoscope) for remote endoscopy procedures.

? In March 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.

Key Takeaways from the Endoscopes Market Report Study

? Market size analysis for current 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 Endoscopes market.

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

? Key companies dominating the global endoscopes market.

? Various opportunities available for the other competitor in the 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 endoscopes market scenario?

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

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

? Endoscopes products providers

? Research organizations and consulting companies

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

Frequently Asked Questions for Endoscopes Market:

1. What are Endoscopes?

Endoscopy is a medical procedure that is used to observe the inside of the body without performing major surgery. An endoscope is a long flexible tube with a lens at one end and a video camera at the other. The end with the lens is inserted into the patient. It is usually inserted through one of the body's natural openings, such as the mouth, urethra, or anus.

2. What is the market for Global Endoscopes?

Global endoscopes market was valued at USD 12.95 billion in 2021, growing at a CAGR of 6.05% during the forecast period from 2022 to 2027 to reach USD 18.32 billion by 2027.

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

The Endoscopes market is witnessing a positive market growth owing to the increasing prevalence of chronic disease such as irritable bowel syndrome (IBD), gastroesophageal reflux disease (GERD), peptic ulcer disease, and crohn's disease, increase in number of prevalence of geriatric patient, increasing awareness and demand of minimally invasive surgeries and no blood loss surgery for the treatment of chronic diseases, and rise in technological advancements in endoscopes like image magnification, high-definition optical systems and digital imaging across the world are anticipated to bolster the market.

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

Some of the key market players operating in the Endoscopes market include Boston Scientific Corporation, CONMED Corporation, OLYMPUS CORPORATION, PENTAX Medical, FUJIFILM Holdings America Corporation, Stryker., Karl Storz GmbH & Co., KG, Richard Wolf GmbH., Medtronic, Machida Endoscope Co., Ltd, Pro Scope Systems, Laborie., AED.MD, EMED, Happersberger otofront GmbH, Optomic., EMOS Technology GmbH, Delmont imaging, Luxamed - Medical technology, Hangzhou Kangji Medical Instrument Co.,Ltd., Daichuan medical and others.

5. Which region has the highest share in Endoscopes Market?

North America is expected to hold the highest share in the revenue in the Endoscopes market during the forecast period. Growing incidence of chronic diseases such as cancer, kidney disease, crohn's disease, improved healthcare expenditure, and the high geriatric population will increase the demand for endoscopes in North America, leading to a rise in the overall endoscopes market growth in this region.

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