

# **Endoscopy Operative Devices Market Forecasts to 2030 – Global Analysis By Product Type (Energy Systems, Access Devices, Suction & Irrigation Systems and Other Product Types), Usage Type (Reusable and Disposable), Application, End User and By Geography**

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## **Abstracts**

According to Statistics MRC, the Global Endoscopy Operative Devices Market is accounted for \$10.9 billion in 2024 and is expected to reach \$15.5 billion by 2030 growing at a CAGR of 6.1% during the forecast period. Endoscopic surgical devices are specialized tools for diagnosing, treating, or monitoring conditions in organs and cavities during endoscopic surgery. These devices include forceps, scissors, snares, graspers, and force-based devices, which are less penetrating. Techniques are designed to perform specific surgical tasks when used in areas such as gastroenterology, rheumatology, and gynecology; they improve surgical efficiency, reduce patient recovery time, and reduce surgical risks. Their advanced ergonomic design and function meet specific medical needs, making them relevant in modern internal medicine practice.

Market Dynamics:

Driver:

Continuous innovation in endoscopy devices

Continuous innovation in endoscopy devices is a key driver for the market, as manufacturers focus on integrating advanced technologies to enhance imaging quality

and device maneuverability. These innovations enable minimally invasive procedures, which offer benefits such as reduced recovery times and lower risks of complications. By investing in research and development, companies introduce new capabilities that meet the evolving needs of healthcare providers and patients, thereby improving patient outcomes and expanding the market's reach across various medical specialties.

#### Restraint:

##### Risk of CNS and infections

The risk of infections associated with endoscopic procedures is a significant restraint on the market. Procedures like ERCP can lead to infections due to factors such as incomplete biliary drainage and contaminated equipment. This risk necessitates stringent infection control measures, which can increase operational costs and complexity for healthcare providers. Concerns about infection risks may also deter some patients from undergoing endoscopic procedures, potentially limiting market growth despite advancements in device technology.

#### Opportunity:

##### Rising demand for minimally invasive

The rising demand for minimally invasive procedures presents a significant opportunity for the endoscopy operative devices market. These procedures offer numerous advantages, including less postoperative pain, quicker recovery, and reduced hospital stays. As awareness of these benefits grows among patients and healthcare providers, the demand for endoscopic solutions increases. This trend is further supported by technological advancements that enhance procedural efficiency and patient outcomes, driving market expansion.

#### Threat:

##### Stringent regulatory approvals

Stringent regulatory approvals pose a threat to the endoscopy operative devices market. Regulatory bodies like the FDA impose rigorous safety and quality standards that can delay product development and market entry. Compliance with these regulations requires significant time and resources, potentially hindering innovation and

increasing costs for manufacturers. These challenges can limit the introduction of new products and slow market growth, particularly for smaller companies lacking extensive regulatory expertise.

#### Covid-19 Impact:

The COVID-19 pandemic initially disrupted the endoscopy operative devices market due to postponed elective procedures and resource diversion towards managing COVID-19 cases. This led to a temporary decline in demand. However, as healthcare systems adapted, there was a rebound in demand for endoscopic procedures, driven by rescheduled treatments and innovations in device technology aimed at improving efficiency and infection control.

The reusable operative devices segment is expected to be the largest during the forecast period

The reusable operative devices segment is expected to account for the largest market share during the forecast period due to their cost-effectiveness and durability. These devices are favored by healthcare providers for their ability to withstand multiple sterilizations while maintaining performance. The growing demand for minimally invasive surgeries further drives this segment's dominance, as reusable devices offer enhanced visualization and maneuverability during complex procedures.

The gastrointestinal surgery segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the gastrointestinal surgery segment is expected to witness the highest CAGR. This growth is driven by the increasing prevalence of gastrointestinal disorders globally. Technological advancements in endoscopic tools enhance diagnostic accuracy and therapeutic outcomes, making these procedures more appealing. As healthcare infrastructure improves in emerging markets, the adoption of gastrointestinal endoscopy is expected to rise significantly.

#### Region with largest share:

The North America region is anticipated to account for the largest market share during the forecast period due to its advanced healthcare infrastructure and high prevalence of chronic diseases requiring endoscopic intervention. The presence of key market players investing in innovative solutions further strengthens North America's position. Favorable

reimbursement policies also support widespread adoption of advanced endoscopic technologies.

Region with highest CAGR:

The Asia Pacific region is anticipated to register the highest growth rate over the forecast period due to increasing adoption of advanced technologies and a growing geriatric population. Rising awareness about minimally invasive procedures and improvements in healthcare infrastructure contribute to this growth. As demand for effective diagnostic and therapeutic solutions increases, Asia Pacific emerges as a key growth region in the global market landscape.

Key players in the market

Some of the key players in Endoscopy Operative Devices Market include Olympus Corporation, Boston Scientific Corporation, Stryker Corporation, KARL STORZ GmbH & Co. KG, FUJIFILM Holdings Corporation, Smith & Nephew PLC, Ethicon Endo-Surgery, B. Braun Melsungen AG, Cook Medical, Inc., Intuitive Surgical, Inc., Medtronic PLC, Hoya Corporation, Richard Wolf GmbH, Arthrex, Inc., ConMed Corporation, Ambu A/S, Cantel Medical and Hillrom.

Key Developments:

In October 2024, Olympus announces CE approval for three cloud-based AI medical devices, enhancing clinical outcomes and operational efficiency in endoscopy, with plans for an AI-powered endoscopy ecosystem in 2025.

In October 2023, B. Braun launches its newest laparoscopic AESCULAP® EinsteinVision® 3.0 FI during International Society for Gynecologic Endoscopy (ISGE) Annual Meeting 2023 at Sanur, Bali. This latest version is equipped with 3D Fluorescence Imaging that enables imaging in real time through its three different FI overlay modes.

In February 2023, KARL STORZ announces the acquisition of 100 percent of the shares of AventaMed DAC, an Irish medical technologies company, enhancing its ENT portfolio with a breakthrough single-use medical device for tympanostomy procedures.

Product Types Covered:

Energy Systems

Access Devices

Suction & Irrigation Systems

Hand Instruments

Closure Devices

Wound Retractors

Snares & Retrieval Devices

#### Usage Types Covered:

Reusable

Disposable

#### Applications Covered:

Gastrointestinal Surgery

Urological Surgery

Gynecological Surgery

Respiratory Surgery

Orthopedic Surgery

Cardiovascular Surgery

ENT Surgery

Neurological Surgery

**End Users Covered:**

Hospitals

Specialty Clinics

Ambulatory Surgical Centers

Diagnostic Centers

**Regions Covered:**

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country-level segments

*Endoscopy Operative Devices Market Forecasts to 2030 – Global Analysis By Product Type (Energy Systems, Access...*

- Strategic recommendations for the new entrants
- Covers Market data for the years 2022, 2023, 2024, 2026, and 2030
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

#### Free Customization Offerings:

All the customers of this report will be entitled to receive one of the following free customization options:

##### Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

##### Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

##### Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

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