

# **India Disinfectants & Detergents for Automated Endoscope Reprocessing Market, By Type [Disinfectant (High-Level Disinfectant, Intermediate-Level Disinfectants, Low-Level Disinfectants), Detergents (Enzymatic Detergents, Non-Enzymatic Detergents, Neutral pH Detergents, Low-foaming Detergents)], By Chemical Properties [Acidic, Neutral, Alkaline, Enzymatic], By End-user [Hospitals, Clinics, Others], By Region, Opportunities and Forecast, FY2017-FY2031F**

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## **Abstracts**

India Disinfectants & Detergents for Automated Endoscope Reprocessing Market was valued at USD 2.17 million in FY2023 which is expected to reach USD 4.71 million in FY2031, growing at a CAGR of 10.18% for the forecasted period between FY2024 and FY2031. The Indian disinfectants & detergents for the automated endoscope reprocessing market are influenced by several factors that are driving its growth and development such as the increasing prevalence of infectious disease, growing awareness of infection control, increasing use of endoscopy, and technological advancements. Disinfectants and detergents play a crucial role in automated endoscope reprocessing (AER). Detergents are used to effectively clean endoscopes by removing organic and inorganic residues, while disinfectants are employed to kill or inactivate microorganisms on the endoscope surfaces. Their combined action ensures the prevention of infection transmission and minimizes the risk of cross-contamination between patients.

## Growing Prevalence of Infectious Diseases

The growing prevalence of infectious diseases in India has had a significant impact on the disinfectants & detergents for automated endoscope reprocessing market. With the rise in infectious diseases, there is an increased focus on infection control measures and the need for effective disinfection and cleaning practices. This has created a higher demand for disinfectants and detergents used in automated endoscope reprocessing to prevent infection transmission in healthcare settings. The lack of infection control measures in hospitals increases patients' vulnerability to infections, resulting in doctors prescribing excessive antibiotic prescriptions. Consequently, this contributes to the development of antimicrobial resistance. Indian hospitals exhibit a high prevalence of hospital-acquired infections, as highlighted by numerous studies. These findings indicate that low and middle-income countries bear a significant burden due to the impact of hospital-acquired infections.

## Increasing Awareness About Infection Control Practices

There is a growing awareness about infection control practices in India, which has a positive impact on the disinfectants & detergents for automated endoscope reprocessing market. Healthcare providers and institutions are increasingly recognizing the importance of implementing effective infection control measures to ensure patient safety. This increased awareness has resulted in a greater emphasis on proper disinfection and cleaning practices, including the use of advanced reprocessing solutions in automated endoscope reprocessing. The market is witnessing increased demand for disinfectants and detergents as healthcare facilities strive to adhere to stringent guidelines and regulations regarding infection control. The focus on infection prevention and control is driving the growth of the market and promoting the adoption of best practices in endoscope reprocessing.

In December 2022, Polymed entered into a partnership with Paras Healthcare, with the objective of supplying high-quality medical devices to multiple hospitals under the Paras Healthcare network. The primary emphasis of this collaboration is to prioritize infection control measures, which are crucial for ensuring the safety of both patients and healthcare professionals. The aim of this collaboration is to offer the latest medical devices from Polymed that align with the stringent infection control requirements of Paras Healthcare facilities.

## Rapid Growth of Endoscope Procedures

In recent years, India has witnessed a significant increase in the number of endoscope procedures conducted across the country. In 2022, approximately 2.8 million endoscopies were performed in India, contributing to the global count of around 250 million procedures. This surge can be attributed to various factors, including the growing prevalence of gastrointestinal disorders, advancements in diagnostic and therapeutic endoscope techniques, and increased awareness among patients. Additionally, the landscape of endoscopy has evolved significantly over the past few years. There has been an expansion in the pool of skilled endoscopists, improvements in healthcare infrastructure, and enhanced access to advanced endoscope equipment. These developments have led to greater accuracy in diagnosis, minimally invasive treatment options, and improved patient outcomes. The increasing number of endoscope procedures in India reflects the country's progress in embracing and utilizing the benefits of minimally invasive healthcare interventions.

### Impact of COVID-19

The outbreak of COVID-19 had a significant impact on the India disinfectants & detergents for automated endoscope reprocessing market. With the pandemic highlighting the importance of infection prevention and control, there has been a surge in demand for disinfectants and detergents used in automated endoscope reprocessing. Healthcare facilities and endoscopy centers have prioritized infection control measures to ensure the safety of patients and healthcare providers. The increased awareness and emphasis on maintaining a hygienic environment have led to the adoption of advanced reprocessing solutions and the implementation of automated endoscope reprocessing systems. As a result, the market has experienced significant growth, with healthcare facilities investing in high-quality disinfectants and detergents to meet the increased demand for effective reprocessing solutions.

### Key Players Landscape and Outlook

The India disinfectants & detergents for automated endoscope reprocessing market features a landscape comprising several key players. These players include both domestic and international companies that offer a range of disinfectants and detergents tailored for automated endoscope reprocessing. Some prominent players in the market include 3M Company, Johnson & Johnson Services, Inc., Cantel Medical Corp., STERIS plc, and Olympus Corporation, among others. These companies compete by providing high-quality products, innovative formulations, and effective solutions that meet the stringent requirements of endoscope reprocessing. With the increasing focus on infection control and rising demand for automated reprocessing solutions, the market

outlook appears promising.

The key players are expected to invest in research and development, expand their product portfolios, and enhance their distribution networks to cater to the growing demand for disinfectants and detergents in the India disinfectants & detergents for automated endoscope reprocessing market.

## Contents

### 1. RESEARCH METHODOLOGY

### 2. PROJECT SCOPE & DEFINITIONS

### 3. IMPACT OF COVID-19 ON THE INDIA DISINFECTANTS & DETERGENTS FOR AUTOMATED ENDOSCOPE REPROCESSING MARKET

### 4. EXECUTIVE SUMMARY

### 5. INDIA DISINFECTANTS & DETERGENTS FOR AUTOMATED ENDOSCOPE REPROCESSING MARKET OUTLOOK, FY2017-FY2031F

#### 5.1. Market Size & Forecast

##### 5.1.1. By Value

##### 5.1.2. By Volume

#### 5.2. By Type

##### 5.2.1. Disinfectant

###### 5.2.1.1. High-Level Disinfectant

###### 5.2.1.1.1. Glutaraldehyde

###### 5.2.1.1.2. Ortho-phthalaldehyde

###### 5.2.1.1.3. Peracetic acid

###### 5.2.1.2. Intermediate-Level Disinfectants

###### 5.2.1.2.1. Hydrogen Peroxide

###### 5.2.1.2.2. Quaternary ammonium compounds

###### 5.2.1.3. Low-Level Disinfectants

###### 5.2.1.3.1. Alcohol-based solutions

###### 5.2.1.3.2. Phenolic compounds

##### 5.2.2. Detergent

###### 5.2.2.1. Enzymatic Detergents

###### 5.2.2.2. Non-Enzymatic Detergents

###### 5.2.2.3. Neutral pH Detergents

###### 5.2.2.4. Low-foaming Detergents

#### 5.3. By Chemical Properties

##### 5.3.1. Acidic

##### 5.3.2. Neutral

##### 5.3.3. Alkaline

##### 5.3.4. Enzymatic

#### 5.4. By End-user

5.4.1. Hospitals

5.4.2. Clinics

5.4.3. Others

#### 5.5. By Region

5.5.1. North

5.5.2. South

5.5.3. East

5.5.4. West & Central

#### 5.6. By Company Market Share (%), FY2023

### 6. MARKET MAPPING, FY2023

#### 6.1. By Type

#### 6.2. By Chemical Properties

#### 6.3. By End-user

#### 6.4. By Region

### 7. MACRO ENVIRONMENT AND INDUSTRY STRUCTURE

#### 7.1. Demand Supply Analysis

#### 7.2. Import Export Analysis – Volume and Value

#### 7.3. Supply/Value Chain Analysis

#### 7.4. PESTEL Analysis

7.4.1. Political Factors

7.4.2. Economic System

7.4.3. Social Implications

7.4.4. Technological Advancements

7.4.5. Environmental Impacts

7.4.6. Legal Compliances and Regulatory Policies (Statutory Bodies Included)

#### 7.5. Porter's Five Forces Analysis

7.5.1. Supplier Power

7.5.2. Buyer Power

7.5.3. Substitution Threat

7.5.4. Threat from New Entrant

7.5.5. Competitive Rivalry

### 8. MARKET DYNAMICS

8.1. Growth Drivers

8.2. Growth Inhibitors (Challenges, Restraints)

## **9. REGULATORY FRAMEWORK AND INNOVATION**

9.1. Clinical Trials

9.2. Patent Landscape

9.3. Regulatory Approvals

9.4. Innovations/Emerging Technologies

## **10. KEY PLAYERS LANDSCAPE**

10.1. Competition Matrix of Top Five Market Leaders

10.2. Market Revenue Analysis of Top Five Market Leaders (in %, FY2023)

10.3. Mergers and Acquisitions/Joint Ventures (If Applicable)

10.4. SWOT Analysis (For Five Market Players)

10.5. Patent Analysis (If Applicable)

## **11. PRICING ANALYSIS**

## **12. CASE STUDIES**

## **13. KEY PLAYERS OUTLOOK**

13.1. Olympus Corporation

13.1.1. Company Details

13.1.2. Key Management Personnel

13.1.3. Products & Services

13.1.4. Financials (As reported)

13.1.5. Key Market Focus & Geographical Presence

13.1.6. Recent Developments

13.2. Steris Plc

13.3. Labindia Instruments Pvt. Ltd

13.4. Remi Elektrotechnik Limited

13.5. Shinva Medical Instrument Co. Ltd.

13.6. Getinge AB

13.7. Steelco S.p.A

13.8. Khera Instruments Pvt. Ltd

\*Companies mentioned above DO NOT hold any order as per market share and can be

changed as per information available during research work

## **14. STRATEGIC RECOMMENDATIONS**

## **15. ABOUT US & DISCLAIMER**



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