

Refurbished Medical Equipment Market ? Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Type (Operating Room Equipment & Surgical Equipment, Patient Monitors, Defibrillators, Medical Imaging Equipment, Cardiovascular & Cardiology Equipment X-Ray Machines, Neurology Equipment, Endoscopy Equipment, Intensive Care Systems, Neonatal Intensive Care Systems, IV Therapy Systems, Others), By Application (Cardiology, Neurology, Urology, Oncology, Others), By Source (Domestic, Import), By End user(Hospital, Diagnostic Imaging Centers), By Region & Competition, 2021-2031F

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Abstracts

The Global Refurbished Medical Equipment Market is projected to expand from USD 17.34 Billion in 2025 to USD 32.01 Billion by 2031, achieving a CAGR of 10.76%. Defined as pre-owned devices that have been restored to their original manufacturing specifications through a strict process of disinfection, component replacement, repair, and quality testing, these units are increasingly sought after. The market is chiefly driven by the urgent need for cost-containment strategies within healthcare systems and the rising adoption of circular economy principles designed to minimize environmental footprints. These factors encourage facilities to purchase dependable, budget-friendly alternatives to new capital assets; for instance, the Association of Medical Device Reprocessors reported that hospitals and surgical centers saved more than \$451 million

in 2024 by using reprocessed devices.

Despite these strong growth drivers, the market encounters substantial hurdles due to inconsistent regulatory frameworks across various international jurisdictions. Disparate standards for quality certification and the importation of pre-owned equipment create complicated trade barriers, particularly in emerging markets where the need for affordable technology is most acute. Consequently, the absence of harmonized global policies regarding the safety assurance and sale of restored units persists as a significant challenge, potentially restricting the broader expansion of the global refurbished medical equipment sector.

Market Driver

Financial limitations and the necessity for cost containment in healthcare organizations act as the primary catalyst for the Global Refurbished Medical Equipment Market. Faced with increasing operational costs and restricted capital budgets, medical facilities are aggressively pursuing high-quality substitutes for expensive new machinery. This financial pressure drives hospitals to acquire restored monitoring and imaging systems, which provide clinical performance comparable to new models at significantly lower prices, allowing funds to be redirected to other essential care areas. According to the 'Refurbished Medical Equipment Market Revenue to Surge' article in the National Law Review from October 2025, refurbished X-ray machines typically cost 30% to 70% less than new units, offering a vital path to fiscal efficiency in both developing and developed regions.

The growing focus on sustainability and the reduction of medical e-waste also fundamentally shapes market dynamics by promoting the adoption of circular economy models. Healthcare systems are increasingly mandated to lower their carbon footprints, resulting in a strong preference for life-extension strategies rather than the disposal of functional assets. This shift not only mitigates the environmental impact associated with manufacturing new devices but also keeps hazardous materials out of landfills. As noted in the 'Reducing Costs by Reprocessing' report by the Association of Medical Device Reprocessors in August 2025, the use of reprocessed devices enabled hospitals to eliminate over 115 million pounds of greenhouse gas emissions in the previous year. Underscoring the commercial scale of this trend, Royal Philips reported in February 2025 that circular revenues comprised 24% of the company's total sales.

Market Challenge

Diverse import standards and inconsistent regulatory frameworks across international jurisdictions represent a formidable barrier to the Global Refurbished Medical Equipment Market. These disparities create a fragmented landscape where devices recognized as certified medical assets in one region are classified as prohibited hazardous waste in another. This lack of global harmonization significantly hampers market growth by increasing compliance costs and physically blocking access to high-demand emerging economies that rely heavily on cost-effective technology. Manufacturers are consequently unable to scale operations efficiently, as they must navigate a complex maze of contradictory trade policies that restrict the free movement of goods.

The severity of this impediment is evident in the restrictive measures recently adopted by key developing nations to control trade flows. According to the Medical Technology Association of India, in 2025, refurbished equipment accounted for approximately 10% of the country's total medical device market, a significant volume that faced severe constriction due to abrupt import suspensions. Such regulatory hurdles not only reduce the addressable market size but also deter investment in circular economy infrastructure, ultimately stalling the sector's broader global expansion.

Market Trends

Refurbished imaging systems, specifically CT and MRI scanners, are increasingly being upgraded with artificial intelligence software during the refurbishment process to provide modern diagnostic capabilities. This integration meets the critical need for advanced tools in budget-constrained facilities without the cost of new infrastructure, allowing older hardware to function with enhanced precision. The demand for such capabilities is intensifying as providers seek to maximize clinical utility from existing assets. According to Healthcare Dive, December 2024, in the 'AI adoption for medical imaging soars' article, more than 50% of surveyed healthcare organizations have started utilizing AI algorithms for at least one imaging use case, a substantial increase that is directly influencing refurbishment specifications to include these software enhancements.

Original Equipment Manufacturers (OEMs) are aggressively entering the secondary market by launching proprietary 'Certified Pre-Owned' lines that meet factory standards to compete with third-party refurbishers. This strategic shift allows manufacturers to maintain control over the device lifecycle while capturing revenue from the growing demand for sustainable procurement options. The scale of these operations has become a significant market force, creating a structured supply chain for high-quality restored units. According to GE HealthCare, June 2024, in the '2023 Sustainability

Report', the company recovered 7,375 imaging, ultrasound, and surgery systems for potential refurbishment and materials reuse, highlighting the immense industrial volume now flowing through these OEM-managed circular channels.

Key Market Players

GE Healthcare

Siemens Healthineers

Philips Healthcare

Toshiba Medical Systems Corporation

Canon Medical Systems Corporation

Medtronic plc

Hitachi Medical Systems

Mindray Medical International Limited

Agilent Technologies, Inc.

Cardinal Health, Inc.

Report Scope

In this report, the Global Refurbished Medical Equipment Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Refurbished Medical Equipment Market, By Type

Operating Room Equipment & Surgical Equipment

Patient Monitors

Defibrillators

Medical Imaging Equipment

Cardiovascular & Cardiology Equipment X-Ray Machines

Neurology Equipment

Endoscopy Equipment

Intensive Care Systems

Neonatal Intensive Care Systems

IV Therapy Systems

Others

Refurbished Medical Equipment Market, By Application

Cardiology

Neurology

Urology

Oncology

Others

Refurbished Medical Equipment Market, By Source

Domestic

Import

Refurbished Medical Equipment Market, By End user

Hospital

Diagnostic Imaging Centers

Refurbished Medical Equipment Market, By Region

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Refurbished Medical Equipment Market.

Available Customizations:

Global Refurbished Medical Equipment Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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