

# Single-Use Medical Devices Market Set to Hit \$9.74B by 2033 | Exclusive Report by DataM Intelligence

*Single-use medical devices gain traction globally as hospitals prioritize hygiene, safety, and efficiency in patient care.*

AUSTIN, TX, UNITED STATES, June 6, 2025 /EINPresswire.com/ -- The [single-use medical devices market](#) is experiencing rapid growth as healthcare systems across the world shift toward safer, more hygienic, and efficient practices. The market was valued at approximately USD 3.46 billion in 2024 and is projected to grow significantly, reaching USD 9.74 billion by 2033, with a strong CAGR of 12.3% from 2025 to 2033. This expansion is driven by the rising prevalence of infectious diseases, growing surgical procedures, and the need to reduce healthcare-associated infections.

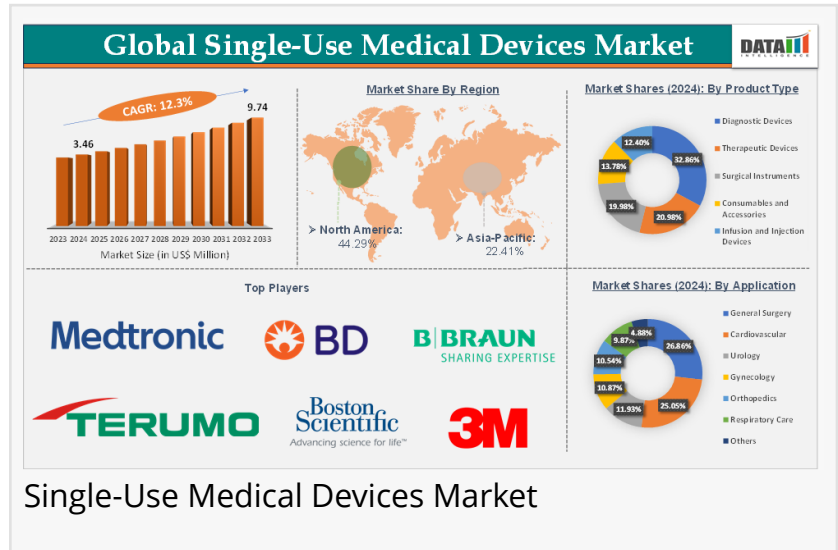
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With demand rising, the single-use medical devices market will jump from \$3.46B in 2024 to \$9.74B by 2033, growing at a 12.3% CAGR driven by hygiene, safety, and surgical efficiency.”

*DataM Intelligence*

processes in hospitals and clinics.

Key factors propelling the market growth include:



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Market Overview and Drivers

Single-use medical devices, as the name suggests, are intended for one-time use only. This includes products like catheters, syringes, infusion sets, diagnostic equipment, and surgical instruments. Their usage helps prevent cross-contamination and reduces the burden of sterilization

Increased infection control awareness: Especially post-pandemic, hospitals have prioritized preventing infections with stricter hygiene protocols.

Rising chronic illnesses and surgeries: A surge in cardiovascular diseases, diabetes, and cancer has increased surgical interventions that often rely on sterile single-use instruments.

Technological innovation: Companies are integrating smarter materials and features into single-use devices to enhance usability and comfort.

Growing elderly population: With age comes higher susceptibility to infections and diseases, leading to greater demand for safe and sterile tools.

However, this growth comes with environmental concerns. The volume of medical waste generated through disposable devices is a major issue, prompting the industry to consider biodegradable or recyclable alternatives.

## Regional Outlook

### North America

North America holds a dominant position in the global market. A well-established healthcare infrastructure, high adoption of advanced technologies, and increasing outpatient surgical procedures contribute to the region's leadership. Additionally, reimbursement policies and strong regulatory support further drive product adoption.

### Europe

European countries are also investing heavily in healthcare infrastructure and public health safety. Countries like Germany, the UK, and France are showing increasing interest in eco-friendly single-use solutions. Government initiatives encouraging hospital hygiene compliance have had a positive effect on device uptake.

### Asia-Pacific

Asia-Pacific is the fastest-growing market, driven by expanding healthcare services in emerging economies. Rising population, urbanization, and increasing medical tourism in countries like India, China, and Japan are fueling demand. Moreover, governments are allocating larger healthcare budgets, boosting hospital capacity and disposable medical supply procurement.

## Key Players

Medtronic

BD

B. Braun SE

Terumo Corporation

Smith+Nephew

Boston Scientific Corporation

3M

Abbott

NIPRO

Cardinal Health

Latest News

Latest News of USA

In the United States, the single-use medical devices industry is witnessing increased investment and product expansion. Several U.S.-based manufacturers are scaling up operations to meet growing hospital demand. The emphasis has shifted toward high-performance, disposable surgical tools that reduce operation times and post-operative complications.

At the same time, rising concerns over new tariff regulations have prompted U.S. manufacturers to review their supply chains. Some firms are exploring local sourcing of materials and alternative manufacturing hubs to avoid cost increases. This shift may lead to an eventual reduction in dependence on overseas imports and an emphasis on local innovation.

Hospitals and outpatient centers are also embracing subscription-based supply models. These agreements allow for automated resupply of disposable kits and instruments, ensuring consistency in hygiene standards while improving inventory management.

Latest News of Japan

Japan is making strategic policy moves to encourage medical innovation, including reforms to accelerate the approval and market access for novel single-use medical devices. In light of supply chain disruptions in previous years, the government is emphasizing local manufacturing and streamlining regulatory processes for medical startups.

Additionally, Japan's Ministry of Health is promoting the development of biodegradable and environmentally friendly single-use devices. With growing public and institutional awareness of

sustainability, many companies are prioritizing R&D in this direction.

Another emerging trend in Japan is the integration of wearable single-use diagnostic tools for elderly care. With one of the world's most aging populations, Japan is leading in the development of sensor-based, disposable monitors to track vital signs, detect falls, or manage chronic conditions from home.

#### Market Segmentation:

By Product Type: Diagnostic Devices, Therapeutic Devices, Surgical Instruments, Consumables and Accessories, Infusion and Injection Devices.

By Application: General Surgery, Cardiovascular, Urology, Gynecology, Orthopedics, Respiratory Care, Others.

By End-User: Hospitals, Ambulatory Surgical Centers , Clinics, Home Healthcare, Diagnostic Centers and Labs, Others.

#### Conclusion

The global single-use medical devices market is on a steep upward trajectory, supported by innovation, regulatory reform, and a shift in medical best practices. While sustainability remains a challenge, the industry is already moving toward greener solutions without compromising safety.

Regions like North America and Europe are adopting these devices as a gold standard, while the Asia-Pacific region, led by countries like Japan and China, is rapidly catching up. With growing awareness about infection prevention, a surge in healthcare demand, and continuous innovation, single-use medical devices are set to play an increasingly crucial role in modern medicine.

Organizations that prioritize not just product efficiency but also ecological responsibility and affordability will lead the market in the years ahead.

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