

Retractable Needle Safety Syringes Market to Grow at 5.9% CAGR

Retractable Needle Safety Syringes Market Size is expected to reach US\$ 14.5 Bn by 2034, from US\$ 8.2 Bn in 2024, at a CAGR of 5.9%.

NEW YORK, NY, UNITED STATES, February 12, 2025 /EINPresswire.com/ -- The [Global Retractable Needle Safety Syringes Market Size](#) is projected to expand from US\$ 8.2 billion in 2024 to US\$ 14.5 billion by 2034, growing at a CAGR of 5.9%. This growth is primarily

driven by heightened measures to prevent needle-stick injuries and control the spread of infections, particularly in low- and middle-income countries. The adoption of auto-disable (AD) syringes, which lock after a single use to prevent reuse, is becoming increasingly common, especially in immunization programs to ensure safe and effective vaccine delivery.

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North America maintained its leading position in the global market with a share of over 42% of the total revenue.

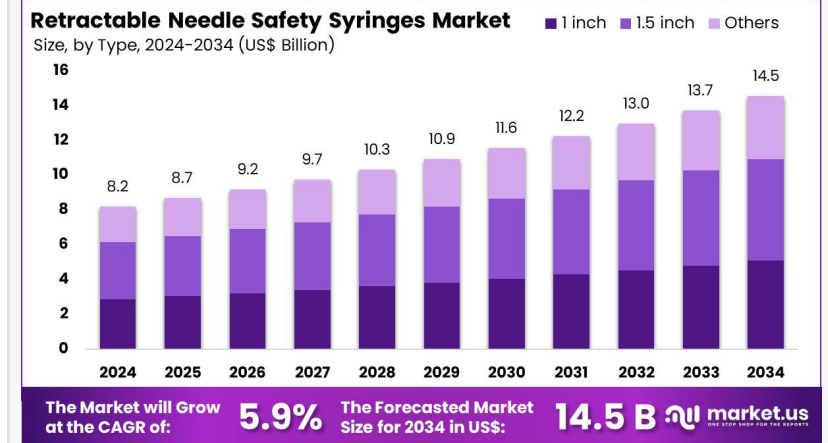
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Tajammul Pangarkar

During the COVID-19 pandemic, a notable shortage of syringes underscored the need for increased production capacity and improved distribution networks. This shortage was particularly acute in countries reliant on global aid programs like COVAX, stressing the importance of readily available AD syringes during peak vaccine rollout periods. This challenge has spurred further innovation in

the syringe market, promoting the development of safer and more efficient injection solutions.

Retractable needle syringes, which can manually or automatically retract the needle post-injection, are becoming integral to enhancing worker safety and infection control in healthcare settings. These syringes reduce the risk of needle-stick injuries, a persistent concern across medical professions. Their role in modern healthcare practices is becoming increasingly critical as they contribute to safer injection procedures.



Retractable Needle Safety Syringes Market Size.jpg

Efforts by organizations such as UNICEF and PATH to negotiate lower prices and improve market availability have been pivotal. These initiatives help sustain immunization programs worldwide by making safety syringes more accessible and affordable. As a result, the market for retractable needle safety syringes is expected to continue its growth trajectory, driven by the global push towards enhancing healthcare delivery standards.

KEY TAKEAWAYS

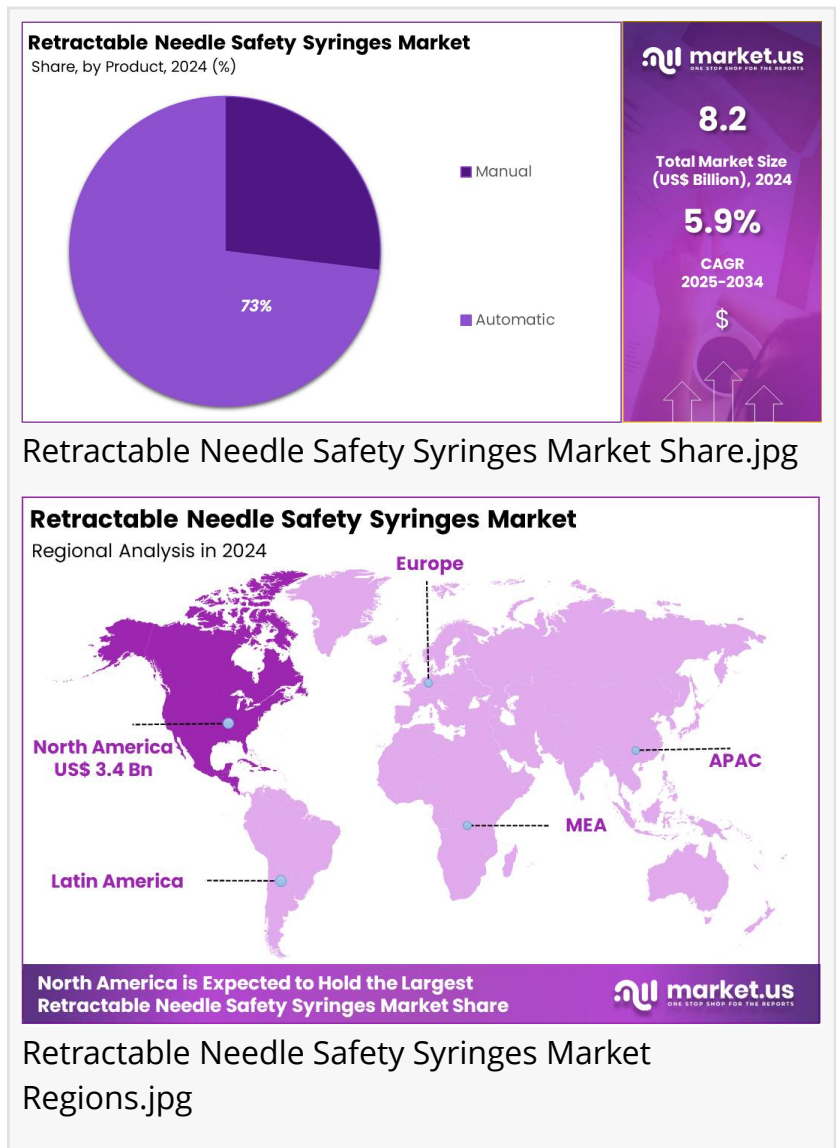
- The retractable needle safety syringes market globally was valued at USD 8.2 billion in 2024, expected to grow to USD 14.5 billion by 2034.
- This market projects a growth rate of 5.9% annually.
- In 2024, automatic retractable needle safety syringes dominated the market with a 73% revenue share.
- Hospitals were the leading end-users, accounting for 49% of the market's total revenue.
- North America held a dominant position, contributing over 42% to the global market revenue.

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COMPREHENSIVE ANALYSIS

The primary goal of this report is to deliver factual, actionable data about the Retractable Needle Safety Syringes market. It equips readers with the necessary information to formulate and execute informed strategies based on the extensive data provided. The report includes detailed market statistics that offer insights into the current market status, future projections, and classifications based on various criteria such as product type, end-use, and region.

The report thoroughly covers the classification of the Retractable Needle Safety Syringes market, highlighting significant aspects like product types and the main industries associated with the Retractable Needle Safety Syringes Market. It also delves into critical industry dynamics such as



development trends, supply, and demand conditions. This analysis provides a deep understanding of the market's current landscape and growth trajectory over the years.

Furthermore, the report extensively analyzes business plans, sales, and profitability to enhance readers' understanding of the Retractable Needle Safety Syringes market. It discusses essential elements like production volumes, sales data, key raw material suppliers, and buyers in the industry. These details are crucial for understanding the informational needs and distribution rates within the market.

MARKET INSIGHT AND COMPETITIVE OUTLOOK

The Competitive Landscape section of the Retractable Needle Safety Syringes market report meticulously examines the dominant players shaping the industry. This analysis underscores the strategic initiatives and relentless efforts these firms undertake to secure competitive advantages. Through detailed evaluations, the section offers insights into the strategies deployed by these key influencers, enhancing stakeholders' understanding of the market dynamics.

This segment features comprehensive profiles of each leading company, providing essential details such as company history, business focus, and market position. These profiles help readers visualize the major forces sculpting the market landscape, offering a snapshot of each entity's influence and strategic direction.

The report also delves into company overviews and financial highlights, presenting a clear picture of the economic health and investment priorities of these entities. This financial analysis is crucial for stakeholders, as it elucidates the funding dynamics and revenue streams that drive these companies toward market leadership.

Furthermore, the section elaborates on product portfolios, SWOT analyses, key strategies, and developments. This compilation not only highlights the strengths, weaknesses, opportunities, and threats each company encounters but also showcases their strategic maneuvers and product innovations. Such comprehensive details provide a well-rounded understanding of their market presence and growth tactics.

The Primary Entities Identified In This Report Are:

- Becton, Dickinson and Company
- UltiMed
- Axel Bio
- Unilife
- Retractable Technologies
- Terumo Corporation
- Smiths Medical

- Revolutions Medical
- Covidien
- Medtronic

SEGMENTATION PERSPECTIVE

Based on product segmentation, the global retractable needle safety syringes market is divided into manual and automatic types. In 2024, automatic syringes led the market, capturing a 73% share, primarily due to their advanced safety features and convenience. These syringes automatically retract the needle post-use, significantly reducing needle stick injuries and infection risks. Their adoption is especially high in settings like hospitals and clinics, where safety is paramount.

In terms of needle length, the 1-inch needle size dominated the market in 2024, holding a 35% share. This size is widely used for intramuscular injections across various medical applications, including vaccinations and chronic disease management. The 1-inch needle is favored for its balance of comfort and efficiency, catering to a diverse patient demographic including adults and children. Its widespread use is further bolstered by global vaccination efforts and the increasing prevalence of self-injection therapies.

The market analysis by end-user shows hospitals as the largest segment, with a 49% market share in 2024. Hospitals frequently use these syringes for a range of procedures including surgeries and chronic disease management. The push for retractable needle safety syringes in hospitals is driven by stringent regulations aimed at reducing needle stick injuries and enhancing overall healthcare safety. This demand underscores the critical role of safety syringes in hospital settings, where the risk of bloodborne infections is significantly high.

Key Segments Covered In This Report Are:

By Product

- Manual
- Automatic

By End-User

- Hospitals
- Clinics
- Ambulatory Surgery Centers
- Others

By Needle Length

- 1 inch
- 5 inch
- Others

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REGIONAL ANALYSIS

North America holds a considerable share of the global retractable needle safety syringes market. This dominance is primarily due to strict regulatory standards and a commitment to high healthcare practices. The region's emphasis on safety devices significantly influences market trends, supporting the widespread adoption of advanced medical technologies.

The rise in chronic diseases such as diabetes and multiple sclerosis has increased the demand for reliable and safe injection devices. These devices are crucial for homecare settings and self-injection therapies, where safety and efficiency are paramount. This need drives the market forward, making safety syringes more prevalent in everyday medical use.

Hospitals and healthcare facilities in North America are at the forefront of embracing innovative medical technologies. Their quick adoption of new solutions fuels market growth further. This readiness not only improves patient care but also stimulates continuous advancements in the medical devices sector, ensuring that safety remains a top priority in therapeutic practices.

WHAT TO EXPECT IN OUR REPORT?

- The report analyzes key market drivers, challenges, opportunities, and trends shaping the Retractable Needle Safety Syringes industry.
- It examines growth potential, consumption, and industry share across key regions and countries influencing market expansion.
- The report helps businesses refine strategies by analyzing top players' performance and competitive challenges in the Retractable Needle Safety Syringes industry.
- It covers industry mergers, acquisitions, company expansions, and market concentration rates, highlighting the top players' market shares.
- The report presents well-researched conclusions and insights to help businesses navigate the Retractable Needle Safety Syringes market effectively.
- What potential opportunities exist for new entrants in the Global Retractable Needle Safety Syringes industry?
- Who are the key companies driving growth in the Retractable Needle Safety Syringes sector?
- What strategies are businesses adopting to expand their market presence and competitive edge?
- How is competition shaping the Retractable Needle Safety Syringes industry?
- What new trends may influence future market growth and industry developments?
- Which product types are projected to witness the highest compound annual growth rate (CAGR)?
- Which application segment is expected to dominate the Global Retractable Needle Safety Syringes industry?

- Which geographical region presents the most lucrative opportunities for manufacturers?

*Note: We offer customized market research reports tailored to meet your specific business needs and requirements.

CONCLUSION

In conclusion, the Retractable Needle Safety Syringes market is set for robust growth, driven by the increasing need for safety in healthcare settings and stringent regulatory standards. With a projected compound annual growth rate of 5.9%, the market is expanding due to a surge in demand for auto-disable syringes, especially in immunization efforts across low- and middle-income countries. North America leads this growth, emphasizing safety and high healthcare standards. The ongoing innovations and strategic efforts by organizations like UNICEF and PATH to make these syringes more affordable and accessible are critical to sustaining global health initiatives. The focus on preventing needle-stick injuries and enhancing infection control ensures the continued relevance and expansion of this market.

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