

# **U.S. Hemostasis Valve Market Size, Share & Trends Analysis Report By Type (Hemostasis Valve Y-Connectors, Double Y-Connector Hemostasis Valves), By Application, By End Use, And Segment Forecasts, 2025 - 2033**

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## **Abstracts**

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### **U.S. Hemostasis Valve Market Size & Trends**

The U.S. hemostasis valve market size was estimated at USD 64.47 million in 2024 and is projected to grow at a CAGR of 5.4% from 2025 to 2033. The market is experiencing significant growth due to several key factors, including the rising incidence of cardiovascular diseases, favorable regulatory support, an aging population, and ongoing technological advancements. A notable driver is the increasing preference for minimally invasive procedures, which offer advantages such as less pain, shorter hospital stays, quicker recovery, and a reduced risk of complications compared to traditional open surgeries.

This shift is fueling the demand for medical devices that support these techniques. Hemostasis valves play a critical role in minimally invasive catheter-based procedures by ensuring controlled blood flow and preventing leakage during interventions.

Air pollution is increasingly recognized as a major contributor to the rise in cardiovascular diseases. Both chronic and short-term exposures significantly raise the risk of cardiovascular emergencies and mortality in the U.S. The World Heart Report 2024 highlights that air pollution worsens all major cardiovascular diseases (CVDs). In 2019, nearly 70% of the 4.2 million deaths linked to ambient air pollution were due to

cardiovascular issues, particularly ischemic heart disease (1.9 million deaths) and stroke (900,000 deaths). As a result, there is an increased need for diagnostic and therapeutic procedures such as angiography and angioplasty, where hemostasis valves play a crucial role in maintaining patient safety by regulating blood flow during catheter-based interventions.

Technological advancements in medical devices are pivotal in driving the market growth. Ongoing technological advancements are playing a key role in improving the performance and reliability of hemostasis valves. Manufacturers are continuously innovating to enhance valve design, material quality, and compatibility with a variety of catheter sizes and interventional tools. These improvements help reduce the risk of blood leakage, improve ease of use for clinicians, and enhance patient safety during minimally invasive procedures. For example, Merit Medical Systems offers advanced hemostasis valves such as the Merit AccessPLUS and Honor Hemostasis Valves, which are designed with ergonomic features, superior sealing mechanisms, and robust hemostatic control. These innovations reflect the industry's focus on optimizing procedural efficiency and reducing complications in catheter-based interventions.

## U.S. Hemostasis Valve Market Report Segmentation

This report forecasts revenue growth at the country level and provides an analysis of the latest industry trends in each of the sub-segments from 2021 to 2033. For this study, Grand View Research has segmented the U.S. hemostasis valve market report based on type, application, and end use:

### Type Outlook (Revenue, USD Million, 2021 - 2033)

Hemostasis Valve Y- Connectors

Double Y- Y-Connector Hemostasis Valves

One-Handed Hemostasis Valves

Others

### Application Outlook (Revenue, USD Million, 2021 - 2033)

Angiography

Angioplasty

End Use Outlook (Revenue, USD Million, 2021 - 2033)

Hospitals

Ambulatory Surgical Centers

Others

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