

# Global Needle Protection Systems Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

<https://marketpublishers.com/r/GD9B34D16D2DEN.html>

Date: February 2026

Pages: 113

Price: US\$ 3,480.00 (Single User License)

ID: GD9B34D16D2DEN

## Abstracts

According to our (Global Info Research) latest study, the global Needle Protection Systems market size was valued at US\$ 2950 million in 2025 and is forecast to a readjusted size of US\$ 3954 million by 2032 with a CAGR of 4.2% during review period.

Needle Protection Systems refer to integrated safety mechanisms incorporated into syringes, blood collection devices, infusion sets, or other puncture-based medical instruments to reduce the risk of needlestick injuries and cross-infection among healthcare workers and patients. These systems typically operate through passive or active activation mechanisms, enabling automatic needle retraction, sliding shield coverage, or locking enclosure after injection or blood collection, thereby forming a physical protective barrier. With increasing hospital infection control standards and stricter occupational safety regulations, needle protection systems have become a critical safety upgrade in modern injection devices. They are widely applied in intravenous infusion, vaccination, insulin injection, and blood sampling scenarios. In 2025, global Needle Protection Systems production reached approximately 7167.5 million units and price is about 0.4 USD/Unit. The average gross profit margin of this product is 25%.

Under the global emphasis on occupational protection and infection control, prevention of needlestick injuries has become a regulatory and hospital management priority. Procurement of safety syringes and blood collection devices is shifting from optional to standard practice, increasing the penetration of needle protection systems. Expansion of vaccination programs, growing self-injection needs among chronic disease patients, and the development of primary healthcare systems are broadening application scenarios in outpatient and home-care settings. Stricter international standards and

improved medical device certification systems are accelerating global adoption of advanced safety-engineered products.

The structural design of needle protection systems involves precision springs, locking mechanisms, and housing components, requiring high manufacturing consistency and resulting in higher production costs compared to conventional needles. Adoption in price-sensitive markets remains challenging. Some healthcare professionals require adaptation to new operating procedures, and poorly designed systems may affect workflow efficiency. Regulatory requirements vary significantly across countries, creating compliance risks in cross-border registration and certification processes. Intensifying product homogeneity also exerts pressure on profit margins.

Hospitals remain the primary demand drivers, but outpatient clinics, community healthcare centers, and home self-injection markets are expanding rapidly. Product design is increasingly shifting toward passive safety mechanisms to reduce user-dependent errors while maintaining lightweight structure and smooth operation. With heightened patient safety awareness and standardized occupational exposure management, healthcare institutions prefer integrated safety consumables over add-on protective devices. In the future, safety needles integrated with traceability systems and single-use sealed designs are expected to become key procurement priorities.

The upstream supply chain mainly includes medical-grade stainless steel cannulas, polymer materials such as polypropylene and polycarbonate for housings, precision spring steel wires, and rubber sealing components. Stainless steel must provide high strength and corrosion resistance to ensure puncture stability and biocompatibility. Polymer materials require transparency, impact resistance, and sterilization compatibility. Precision springs and locking components demand strict machining accuracy and fatigue durability, forming the core of automatic retraction and locking functions. With strengthening environmental regulations, recyclable materials and low-carbon manufacturing processes are increasingly emphasized, driving the upstream sector toward higher quality and sustainability.

This report is a detailed and comprehensive analysis for global Needle Protection Systems market. Both quantitative and qualitative analyses are presented by manufacturers, by region & country, by Type and by Application. As the market is constantly changing, this report explores the competition, supply and demand trends, as well as key factors that contribute to its changing demands across many markets. Company profiles and product examples of selected competitors, along with market share estimates of some of the selected leaders for the year 2025, are provided.

**Key Features:**

Global Needle Protection Systems market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Needle Protection Systems market size and forecasts by region and country, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Needle Protection Systems market size and forecasts, by Type and by Application, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Needle Protection Systems market shares of main players, shipments in revenue (\$ Million), sales quantity (K Units), and ASP (US\$/Unit), 2021-2026

**The Primary Objectives in This Report Are:**

To determine the size of the total market opportunity of global and key countries

To assess the growth potential for Needle Protection Systems

To forecast future growth in each product and end-use market

To assess competitive factors affecting the marketplace

This report profiles key players in the global Needle Protection Systems market based on the following parameters - company overview, sales quantity, revenue, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include BD, ICU Medical, Terumo, Nipro, B. Braun, Retractable Technologies, Medtronic, Cardinal Health, Stryker, Berpu, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

**Market Segmentation**

Needle Protection Systems market is split by Type and by Application. For the period 2021-2032, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value. This analysis can help you expand your business by targeting qualified niche markets.

## Market segment by Type

Passive Safety

Active Safety

Auto Retractable

## Market segment by Application Setting

Vaccination Use

Chronic Injection

Blood Collection

Other

## Market segment by Product Integration

Integrated Syringe

Add-On Device

## Market segment by Application

Hospitals

Ambulatory & Outpatient Clinics

Other

## Major players covered

BD

ICU Medical

Terumo

Nipro

B. Braun

Retractable Technologies

Medtronic

Cardinal Health

Stryker

Berpu

Hunan Snali

Shanghai KDL

Shandong Weigao

Improve-medical

Market segment by region, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of

Middle East & Africa)

**The content of the study subjects, includes a total of 15 chapters:**

Chapter 1, to describe Needle Protection Systems product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Needle Protection Systems, with price, sales quantity, revenue, and global market share of Needle Protection Systems from 2021 to 2026.

Chapter 3, the Needle Protection Systems competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Needle Protection Systems breakdown data are shown at the regional level, to show the sales quantity, consumption value, and growth by regions, from 2021 to 2032.

Chapter 5 and 6, to segment the sales by Type and by Application, with sales market share and growth rate by Type, by Application, from 2021 to 2032.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value, and market share for key countries in the world, from 2021 to 2026. and Needle Protection Systems market forecast, by regions, by Type, and by Application, with sales and revenue, from 2027 to 2032.

Chapter 12, market dynamics, drivers, restraints, trends, and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Needle Protection Systems.

Chapter 14 and 15, to describe Needle Protection Systems sales channel, distributors, customers, research findings and conclusion.

## Contents

### 1 MARKET OVERVIEW

1.1 Product Overview and Scope

1.2 Market Estimation Caveats and Base Year

1.3 Market Analysis by Type

1.3.1 Overview: Global Needle Protection Systems Consumption Value by Type: 2021 Versus 2025 Versus 2032

1.3.2 Passive Safety

1.3.3 Active Safety

1.3.4 Auto Retractable

1.4 Market Analysis by Application Setting

1.4.1 Overview: Global Needle Protection Systems Consumption Value by Application Setting: 2021 Versus 2025 Versus 2032

1.4.2 Vaccination Use

1.4.3 Chronic Injection

1.4.4 Blood Collection

1.4.5 Other

1.5 Market Analysis by Product Integration

1.5.1 Overview: Global Needle Protection Systems Consumption Value by Product Integration: 2021 Versus 2025 Versus 2032

1.5.2 Integrated Syringe

1.5.3 Add-On Device

1.6 Market Analysis by Application

1.6.1 Overview: Global Needle Protection Systems Consumption Value by Application: 2021 Versus 2025 Versus 2032

1.6.2 Hospitals

1.6.3 Ambulatory & Outpatient Clinics

1.6.4 Other

1.7 Global Needle Protection Systems Market Size & Forecast

1.7.1 Global Needle Protection Systems Consumption Value (2021 & 2025 & 2032)

1.7.2 Global Needle Protection Systems Sales Quantity (2021-2032)

1.7.3 Global Needle Protection Systems Average Price (2021-2032)

### 2 MANUFACTURERS PROFILES

2.1 BD

2.1.1 BD Details

- 2.1.2 BD Major Business
- 2.1.3 BD Needle Protection Systems Product and Services
- 2.1.4 BD Needle Protection Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.1.5 BD Recent Developments/Updates
- 2.2 ICU Medical
  - 2.2.1 ICU Medical Details
  - 2.2.2 ICU Medical Major Business
  - 2.2.3 ICU Medical Needle Protection Systems Product and Services
  - 2.2.4 ICU Medical Needle Protection Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.2.5 ICU Medical Recent Developments/Updates
- 2.3 Terumo
  - 2.3.1 Terumo Details
  - 2.3.2 Terumo Major Business
  - 2.3.3 Terumo Needle Protection Systems Product and Services
  - 2.3.4 Terumo Needle Protection Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.3.5 Terumo Recent Developments/Updates
- 2.4 Nipro
  - 2.4.1 Nipro Details
  - 2.4.2 Nipro Major Business
  - 2.4.3 Nipro Needle Protection Systems Product and Services
  - 2.4.4 Nipro Needle Protection Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.4.5 Nipro Recent Developments/Updates
- 2.5 B. Braun
  - 2.5.1 B. Braun Details
  - 2.5.2 B. Braun Major Business
  - 2.5.3 B. Braun Needle Protection Systems Product and Services
  - 2.5.4 B. Braun Needle Protection Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.5.5 B. Braun Recent Developments/Updates
- 2.6 Retractable Technologies
  - 2.6.1 Retractable Technologies Details
  - 2.6.2 Retractable Technologies Major Business
  - 2.6.3 Retractable Technologies Needle Protection Systems Product and Services
  - 2.6.4 Retractable Technologies Needle Protection Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)

- 2.6.5 Retractable Technologies Recent Developments/Updates
- 2.7 Medtronic
  - 2.7.1 Medtronic Details
  - 2.7.2 Medtronic Major Business
  - 2.7.3 Medtronic Needle Protection Systems Product and Services
  - 2.7.4 Medtronic Needle Protection Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.7.5 Medtronic Recent Developments/Updates
- 2.8 Cardinal Health
  - 2.8.1 Cardinal Health Details
  - 2.8.2 Cardinal Health Major Business
  - 2.8.3 Cardinal Health Needle Protection Systems Product and Services
  - 2.8.4 Cardinal Health Needle Protection Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.8.5 Cardinal Health Recent Developments/Updates
- 2.9 Stryker
  - 2.9.1 Stryker Details
  - 2.9.2 Stryker Major Business
  - 2.9.3 Stryker Needle Protection Systems Product and Services
  - 2.9.4 Stryker Needle Protection Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.9.5 Stryker Recent Developments/Updates
- 2.10 Berpu
  - 2.10.1 Berpu Details
  - 2.10.2 Berpu Major Business
  - 2.10.3 Berpu Needle Protection Systems Product and Services
  - 2.10.4 Berpu Needle Protection Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.10.5 Berpu Recent Developments/Updates
- 2.11 Hunan Snali
  - 2.11.1 Hunan Snali Details
  - 2.11.2 Hunan Snali Major Business
  - 2.11.3 Hunan Snali Needle Protection Systems Product and Services
  - 2.11.4 Hunan Snali Needle Protection Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.11.5 Hunan Snali Recent Developments/Updates
- 2.12 Shanghai KDL
  - 2.12.1 Shanghai KDL Details
  - 2.12.2 Shanghai KDL Major Business

- 2.12.3 Shanghai KDL Needle Protection Systems Product and Services
- 2.12.4 Shanghai KDL Needle Protection Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
- 2.12.5 Shanghai KDL Recent Developments/Updates
- 2.13 Shandong Weigao
  - 2.13.1 Shandong Weigao Details
  - 2.13.2 Shandong Weigao Major Business
  - 2.13.3 Shandong Weigao Needle Protection Systems Product and Services
  - 2.13.4 Shandong Weigao Needle Protection Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.13.5 Shandong Weigao Recent Developments/Updates
- 2.14 Improve-medical
  - 2.14.1 Improve-medical Details
  - 2.14.2 Improve-medical Major Business
  - 2.14.3 Improve-medical Needle Protection Systems Product and Services
  - 2.14.4 Improve-medical Needle Protection Systems Sales Quantity, Average Price, Revenue, Gross Margin and Market Share (2021-2026)
  - 2.14.5 Improve-medical Recent Developments/Updates

### **3 COMPETITIVE ENVIRONMENT: NEEDLE PROTECTION SYSTEMS BY MANUFACTURER**

- 3.1 Global Needle Protection Systems Sales Quantity by Manufacturer (2021-2026)
- 3.2 Global Needle Protection Systems Revenue by Manufacturer (2021-2026)
- 3.3 Global Needle Protection Systems Average Price by Manufacturer (2021-2026)
- 3.4 Market Share Analysis (2025)
  - 3.4.1 Producer Shipments of Needle Protection Systems by Manufacturer Revenue (\$MM) and Market Share (%): 2025
  - 3.4.2 Top 3 Needle Protection Systems Manufacturer Market Share in 2025
  - 3.4.3 Top 6 Needle Protection Systems Manufacturer Market Share in 2025
- 3.5 Needle Protection Systems Market: Overall Company Footprint Analysis
  - 3.5.1 Needle Protection Systems Market: Region Footprint
  - 3.5.2 Needle Protection Systems Market: Company Product Type Footprint
  - 3.5.3 Needle Protection Systems Market: Company Product Application Footprint
- 3.6 New Market Entrants and Barriers to Market Entry
- 3.7 Mergers, Acquisition, Agreements, and Collaborations

### **4 CONSUMPTION ANALYSIS BY REGION**

#### 4.1 Global Needle Protection Systems Market Size by Region

- 4.1.1 Global Needle Protection Systems Sales Quantity by Region (2021-2032)
- 4.1.2 Global Needle Protection Systems Consumption Value by Region (2021-2032)
- 4.1.3 Global Needle Protection Systems Average Price by Region (2021-2032)

#### 4.2 North America Needle Protection Systems Consumption Value (2021-2032)

#### 4.3 Europe Needle Protection Systems Consumption Value (2021-2032)

#### 4.4 Asia-Pacific Needle Protection Systems Consumption Value (2021-2032)

#### 4.5 South America Needle Protection Systems Consumption Value (2021-2032)

#### 4.6 Middle East & Africa Needle Protection Systems Consumption Value (2021-2032)

### 5 MARKET SEGMENT BY TYPE

#### 5.1 Global Needle Protection Systems Sales Quantity by Type (2021-2032)

#### 5.2 Global Needle Protection Systems Consumption Value by Type (2021-2032)

#### 5.3 Global Needle Protection Systems Average Price by Type (2021-2032)

### 6 MARKET SEGMENT BY APPLICATION

#### 6.1 Global Needle Protection Systems Sales Quantity by Application (2021-2032)

#### 6.2 Global Needle Protection Systems Consumption Value by Application (2021-2032)

#### 6.3 Global Needle Protection Systems Average Price by Application (2021-2032)

### 7 NORTH AMERICA

#### 7.1 North America Needle Protection Systems Sales Quantity by Type (2021-2032)

#### 7.2 North America Needle Protection Systems Sales Quantity by Application (2021-2032)

#### 7.3 North America Needle Protection Systems Market Size by Country

##### 7.3.1 North America Needle Protection Systems Sales Quantity by Country (2021-2032)

##### 7.3.2 North America Needle Protection Systems Consumption Value by Country (2021-2032)

##### 7.3.3 United States Market Size and Forecast (2021-2032)

##### 7.3.4 Canada Market Size and Forecast (2021-2032)

##### 7.3.5 Mexico Market Size and Forecast (2021-2032)

### 8 EUROPE

#### 8.1 Europe Needle Protection Systems Sales Quantity by Type (2021-2032)

8.2 Europe Needle Protection Systems Sales Quantity by Application (2021-2032)

8.3 Europe Needle Protection Systems Market Size by Country

8.3.1 Europe Needle Protection Systems Sales Quantity by Country (2021-2032)

8.3.2 Europe Needle Protection Systems Consumption Value by Country (2021-2032)

8.3.3 Germany Market Size and Forecast (2021-2032)

8.3.4 France Market Size and Forecast (2021-2032)

8.3.5 United Kingdom Market Size and Forecast (2021-2032)

8.3.6 Russia Market Size and Forecast (2021-2032)

8.3.7 Italy Market Size and Forecast (2021-2032)

## **9 ASIA-PACIFIC**

9.1 Asia-Pacific Needle Protection Systems Sales Quantity by Type (2021-2032)

9.2 Asia-Pacific Needle Protection Systems Sales Quantity by Application (2021-2032)

9.3 Asia-Pacific Needle Protection Systems Market Size by Region

9.3.1 Asia-Pacific Needle Protection Systems Sales Quantity by Region (2021-2032)

9.3.2 Asia-Pacific Needle Protection Systems Consumption Value by Region  
(2021-2032)

9.3.3 China Market Size and Forecast (2021-2032)

9.3.4 Japan Market Size and Forecast (2021-2032)

9.3.5 South Korea Market Size and Forecast (2021-2032)

9.3.6 India Market Size and Forecast (2021-2032)

9.3.7 Southeast Asia Market Size and Forecast (2021-2032)

9.3.8 Australia Market Size and Forecast (2021-2032)

## **10 SOUTH AMERICA**

10.1 South America Needle Protection Systems Sales Quantity by Type (2021-2032)

10.2 South America Needle Protection Systems Sales Quantity by Application  
(2021-2032)

10.3 South America Needle Protection Systems Market Size by Country

10.3.1 South America Needle Protection Systems Sales Quantity by Country  
(2021-2032)

10.3.2 South America Needle Protection Systems Consumption Value by Country  
(2021-2032)

10.3.3 Brazil Market Size and Forecast (2021-2032)

10.3.4 Argentina Market Size and Forecast (2021-2032)

## **11 MIDDLE EAST & AFRICA**

- 11.1 Middle East & Africa Needle Protection Systems Sales Quantity by Type (2021-2032)
- 11.2 Middle East & Africa Needle Protection Systems Sales Quantity by Application (2021-2032)
- 11.3 Middle East & Africa Needle Protection Systems Market Size by Country
  - 11.3.1 Middle East & Africa Needle Protection Systems Sales Quantity by Country (2021-2032)
  - 11.3.2 Middle East & Africa Needle Protection Systems Consumption Value by Country (2021-2032)
  - 11.3.3 Turkey Market Size and Forecast (2021-2032)
  - 11.3.4 Egypt Market Size and Forecast (2021-2032)
  - 11.3.5 Saudi Arabia Market Size and Forecast (2021-2032)
  - 11.3.6 South Africa Market Size and Forecast (2021-2032)

## **12 MARKET DYNAMICS**

- 12.1 Needle Protection Systems Market Drivers
- 12.2 Needle Protection Systems Market Restraints
- 12.3 Needle Protection Systems Trends Analysis
- 12.4 Porters Five Forces Analysis
  - 12.4.1 Threat of New Entrants
  - 12.4.2 Bargaining Power of Suppliers
  - 12.4.3 Bargaining Power of Buyers
  - 12.4.4 Threat of Substitutes
  - 12.4.5 Competitive Rivalry

## **13 RAW MATERIAL AND INDUSTRY CHAIN**

- 13.1 Raw Material of Needle Protection Systems and Key Manufacturers
- 13.2 Manufacturing Costs Percentage of Needle Protection Systems
- 13.3 Needle Protection Systems Production Process
- 13.4 Industry Value Chain Analysis

## **14 SHIPMENTS BY DISTRIBUTION CHANNEL**

- 14.1 Sales Channel
  - 14.1.1 Direct to End-User
  - 14.1.2 Distributors

14.2 Needle Protection Systems Typical Distributors

14.3 Needle Protection Systems Typical Customers

## **15 RESEARCH FINDINGS AND CONCLUSION**

## **16 APPENDIX**

16.1 Methodology

16.2 Research Process and Data Source

16.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. Global Needle Protection Systems Consumption Value by Type, (USD Million), 2021 & 2025 & 2032

Table 2. Global Needle Protection Systems Consumption Value by Application Setting, (USD Million), 2021 & 2025 & 2032

Table 3. Global Needle Protection Systems Consumption Value by Product Integration, (USD Million), 2021 & 2025 & 2032

Table 4. Global Needle Protection Systems Consumption Value by Application, (USD Million), 2021 & 2025 & 2032

Table 5. BD Basic Information, Manufacturing Base and Competitors

Table 6. BD Major Business

Table 7. BD Needle Protection Systems Product and Services

Table 8. BD Needle Protection Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 9. BD Recent Developments/Updates

Table 10. ICU Medical Basic Information, Manufacturing Base and Competitors

Table 11. ICU Medical Major Business

Table 12. ICU Medical Needle Protection Systems Product and Services

Table 13. ICU Medical Needle Protection Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 14. ICU Medical Recent Developments/Updates

Table 15. Terumo Basic Information, Manufacturing Base and Competitors

Table 16. Terumo Major Business

Table 17. Terumo Needle Protection Systems Product and Services

Table 18. Terumo Needle Protection Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 19. Terumo Recent Developments/Updates

Table 20. Nipro Basic Information, Manufacturing Base and Competitors

Table 21. Nipro Major Business

Table 22. Nipro Needle Protection Systems Product and Services

Table 23. Nipro Needle Protection Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 24. Nipro Recent Developments/Updates

Table 25. B. Braun Basic Information, Manufacturing Base and Competitors

Table 26. B. Braun Major Business

Table 27. B. Braun Needle Protection Systems Product and Services

- Table 28. B. Braun Needle Protection Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 29. B. Braun Recent Developments/Updates
- Table 30. Retractable Technologies Basic Information, Manufacturing Base and Competitors
- Table 31. Retractable Technologies Major Business
- Table 32. Retractable Technologies Needle Protection Systems Product and Services
- Table 33. Retractable Technologies Needle Protection Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 34. Retractable Technologies Recent Developments/Updates
- Table 35. Medtronic Basic Information, Manufacturing Base and Competitors
- Table 36. Medtronic Major Business
- Table 37. Medtronic Needle Protection Systems Product and Services
- Table 38. Medtronic Needle Protection Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 39. Medtronic Recent Developments/Updates
- Table 40. Cardinal Health Basic Information, Manufacturing Base and Competitors
- Table 41. Cardinal Health Major Business
- Table 42. Cardinal Health Needle Protection Systems Product and Services
- Table 43. Cardinal Health Needle Protection Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 44. Cardinal Health Recent Developments/Updates
- Table 45. Stryker Basic Information, Manufacturing Base and Competitors
- Table 46. Stryker Major Business
- Table 47. Stryker Needle Protection Systems Product and Services
- Table 48. Stryker Needle Protection Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 49. Stryker Recent Developments/Updates
- Table 50. Berpu Basic Information, Manufacturing Base and Competitors
- Table 51. Berpu Major Business
- Table 52. Berpu Needle Protection Systems Product and Services
- Table 53. Berpu Needle Protection Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)
- Table 54. Berpu Recent Developments/Updates
- Table 55. Hunan Snali Basic Information, Manufacturing Base and Competitors
- Table 56. Hunan Snali Major Business
- Table 57. Hunan Snali Needle Protection Systems Product and Services
- Table 58. Hunan Snali Needle Protection Systems Sales Quantity (K Units), Average

Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 59. Hunan Snali Recent Developments/Updates

Table 60. Shanghai KDL Basic Information, Manufacturing Base and Competitors

Table 61. Shanghai KDL Major Business

Table 62. Shanghai KDL Needle Protection Systems Product and Services

Table 63. Shanghai KDL Needle Protection Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 64. Shanghai KDL Recent Developments/Updates

Table 65. Shandong Weigao Basic Information, Manufacturing Base and Competitors

Table 66. Shandong Weigao Major Business

Table 67. Shandong Weigao Needle Protection Systems Product and Services

Table 68. Shandong Weigao Needle Protection Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 69. Shandong Weigao Recent Developments/Updates

Table 70. Improve-medical Basic Information, Manufacturing Base and Competitors

Table 71. Improve-medical Major Business

Table 72. Improve-medical Needle Protection Systems Product and Services

Table 73. Improve-medical Needle Protection Systems Sales Quantity (K Units), Average Price (US\$/Unit), Revenue (USD Million), Gross Margin and Market Share (2021-2026)

Table 74. Improve-medical Recent Developments/Updates

Table 75. Global Needle Protection Systems Sales Quantity by Manufacturer (2021-2026) & (K Units)

Table 76. Global Needle Protection Systems Revenue by Manufacturer (2021-2026) & (USD Million)

Table 77. Global Needle Protection Systems Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 78. Market Position of Manufacturers in Needle Protection Systems, (Tier 1, Tier 2, and Tier 3), Based on Revenue in 2025

Table 79. Head Office and Needle Protection Systems Production Site of Key Manufacturer

Table 80. Needle Protection Systems Market: Company Product Type Footprint

Table 81. Needle Protection Systems Market: Company Product Application Footprint

Table 82. Needle Protection Systems New Market Entrants and Barriers to Market Entry

Table 83. Needle Protection Systems Mergers, Acquisition, Agreements, and Collaborations

Table 84. Global Needle Protection Systems Consumption Value by Region (2021-2025-2032) & (USD Million) & CAGR

Table 85. Global Needle Protection Systems Sales Quantity by Region (2021-2026) & (K Units)

Table 86. Global Needle Protection Systems Sales Quantity by Region (2027-2032) & (K Units)

Table 87. Global Needle Protection Systems Consumption Value by Region (2021-2026) & (USD Million)

Table 88. Global Needle Protection Systems Consumption Value by Region (2027-2032) & (USD Million)

Table 89. Global Needle Protection Systems Average Price by Region (2021-2026) & (US\$/Unit)

Table 90. Global Needle Protection Systems Average Price by Region (2027-2032) & (US\$/Unit)

Table 91. Global Needle Protection Systems Sales Quantity by Type (2021-2026) & (K Units)

Table 92. Global Needle Protection Systems Sales Quantity by Type (2027-2032) & (K Units)

Table 93. Global Needle Protection Systems Consumption Value by Type (2021-2026) & (USD Million)

Table 94. Global Needle Protection Systems Consumption Value by Type (2027-2032) & (USD Million)

Table 95. Global Needle Protection Systems Average Price by Type (2021-2026) & (US\$/Unit)

Table 96. Global Needle Protection Systems Average Price by Type (2027-2032) & (US\$/Unit)

Table 97. Global Needle Protection Systems Sales Quantity by Application (2021-2026) & (K Units)

Table 98. Global Needle Protection Systems Sales Quantity by Application (2027-2032) & (K Units)

Table 99. Global Needle Protection Systems Consumption Value by Application (2021-2026) & (USD Million)

Table 100. Global Needle Protection Systems Consumption Value by Application (2027-2032) & (USD Million)

Table 101. Global Needle Protection Systems Average Price by Application (2021-2026) & (US\$/Unit)

Table 102. Global Needle Protection Systems Average Price by Application (2027-2032) & (US\$/Unit)

Table 103. North America Needle Protection Systems Sales Quantity by Type (2021-2026) & (K Units)

Table 104. North America Needle Protection Systems Sales Quantity by Type

(2027-2032) & (K Units)

Table 105. North America Needle Protection Systems Sales Quantity by Application (2021-2026) & (K Units)

Table 106. North America Needle Protection Systems Sales Quantity by Application (2027-2032) & (K Units)

Table 107. North America Needle Protection Systems Sales Quantity by Country (2021-2026) & (K Units)

Table 108. North America Needle Protection Systems Sales Quantity by Country (2027-2032) & (K Units)

Table 109. North America Needle Protection Systems Consumption Value by Country (2021-2026) & (USD Million)

Table 110. North America Needle Protection Systems Consumption Value by Country (2027-2032) & (USD Million)

Table 111. Europe Needle Protection Systems Sales Quantity by Type (2021-2026) & (K Units)

Table 112. Europe Needle Protection Systems Sales Quantity by Type (2027-2032) & (K Units)

Table 113. Europe Needle Protection Systems Sales Quantity by Application (2021-2026) & (K Units)

Table 114. Europe Needle Protection Systems Sales Quantity by Application (2027-2032) & (K Units)

Table 115. Europe Needle Protection Systems Sales Quantity by Country (2021-2026) & (K Units)

Table 116. Europe Needle Protection Systems Sales Quantity by Country (2027-2032) & (K Units)

Table 117. Europe Needle Protection Systems Consumption Value by Country (2021-2026) & (USD Million)

Table 118. Europe Needle Protection Systems Consumption Value by Country (2027-2032) & (USD Million)

Table 119. Asia-Pacific Needle Protection Systems Sales Quantity by Type (2021-2026) & (K Units)

Table 120. Asia-Pacific Needle Protection Systems Sales Quantity by Type (2027-2032) & (K Units)

Table 121. Asia-Pacific Needle Protection Systems Sales Quantity by Application (2021-2026) & (K Units)

Table 122. Asia-Pacific Needle Protection Systems Sales Quantity by Application (2027-2032) & (K Units)

Table 123. Asia-Pacific Needle Protection Systems Sales Quantity by Region (2021-2026) & (K Units)

- Table 124. Asia-Pacific Needle Protection Systems Sales Quantity by Region (2027-2032) & (K Units)
- Table 125. Asia-Pacific Needle Protection Systems Consumption Value by Region (2021-2026) & (USD Million)
- Table 126. Asia-Pacific Needle Protection Systems Consumption Value by Region (2027-2032) & (USD Million)
- Table 127. South America Needle Protection Systems Sales Quantity by Type (2021-2026) & (K Units)
- Table 128. South America Needle Protection Systems Sales Quantity by Type (2027-2032) & (K Units)
- Table 129. South America Needle Protection Systems Sales Quantity by Application (2021-2026) & (K Units)
- Table 130. South America Needle Protection Systems Sales Quantity by Application (2027-2032) & (K Units)
- Table 131. South America Needle Protection Systems Sales Quantity by Country (2021-2026) & (K Units)
- Table 132. South America Needle Protection Systems Sales Quantity by Country (2027-2032) & (K Units)
- Table 133. South America Needle Protection Systems Consumption Value by Country (2021-2026) & (USD Million)
- Table 134. South America Needle Protection Systems Consumption Value by Country (2027-2032) & (USD Million)
- Table 135. Middle East & Africa Needle Protection Systems Sales Quantity by Type (2021-2026) & (K Units)
- Table 136. Middle East & Africa Needle Protection Systems Sales Quantity by Type (2027-2032) & (K Units)
- Table 137. Middle East & Africa Needle Protection Systems Sales Quantity by Application (2021-2026) & (K Units)
- Table 138. Middle East & Africa Needle Protection Systems Sales Quantity by Application (2027-2032) & (K Units)
- Table 139. Middle East & Africa Needle Protection Systems Sales Quantity by Country (2021-2026) & (K Units)
- Table 140. Middle East & Africa Needle Protection Systems Sales Quantity by Country (2027-2032) & (K Units)
- Table 141. Middle East & Africa Needle Protection Systems Consumption Value by Country (2021-2026) & (USD Million)
- Table 142. Middle East & Africa Needle Protection Systems Consumption Value by Country (2027-2032) & (USD Million)
- Table 143. Needle Protection Systems Raw Material

Table 144. Key Manufacturers of Needle Protection Systems Raw Materials

Table 145. Needle Protection Systems Typical Distributors

Table 146. Needle Protection Systems Typical Customers

## List Of Figures

### LIST OF FIGURES

- Figure 1. Needle Protection Systems Picture
- Figure 2. Global Needle Protection Systems Revenue by Type, (USD Million), 2021 & 2025 & 2032
- Figure 3. Global Needle Protection Systems Revenue Market Share by Type in 2025
- Figure 4. Passive Safety Examples
- Figure 5. Active Safety Examples
- Figure 6. Auto Retractable Examples
- Figure 7. Global Needle Protection Systems Revenue by Application Setting, (USD Million), 2021 & 2025 & 2032
- Figure 8. Global Needle Protection Systems Revenue Market Share by Application Setting in 2025
- Figure 9. Vaccination Use Examples
- Figure 10. Chronic Injection Examples
- Figure 11. Blood Collection Examples
- Figure 12. Other Examples
- Figure 13. Global Needle Protection Systems Revenue by Product Integration, (USD Million), 2021 & 2025 & 2032
- Figure 14. Global Needle Protection Systems Revenue Market Share by Product Integration in 2025
- Figure 15. Integrated Syringe Examples
- Figure 16. Add-On Device Examples
- Figure 17. Global Needle Protection Systems Consumption Value by Application, (USD Million), 2021 & 2025 & 2032
- Figure 18. Global Needle Protection Systems Revenue Market Share by Application in 2025
- Figure 19. Hospitals Examples
- Figure 20. Ambulatory & Outpatient Clinics Examples
- Figure 21. Other Examples
- Figure 22. Global Needle Protection Systems Consumption Value, (USD Million): 2021 & 2025 & 2032
- Figure 23. Global Needle Protection Systems Consumption Value and Forecast (2021-2032) & (USD Million)
- Figure 24. Global Needle Protection Systems Sales Quantity (2021-2032) & (K Units)
- Figure 25. Global Needle Protection Systems Price (2021-2032) & (US\$/Unit)
- Figure 26. Global Needle Protection Systems Sales Quantity Market Share by

Manufacturer in 2025

Figure 27. Global Needle Protection Systems Revenue Market Share by Manufacturer in 2025

Figure 28. Producer Shipments of Needle Protection Systems by Manufacturer Sales (\$MM) and Market Share (%): 2025

Figure 29. Top 3 Needle Protection Systems Manufacturer (Revenue) Market Share in 2025

Figure 30. Top 6 Needle Protection Systems Manufacturer (Revenue) Market Share in 2025

Figure 31. Global Needle Protection Systems Sales Quantity Market Share by Region (2021-2032)

Figure 32. Global Needle Protection Systems Consumption Value Market Share by Region (2021-2032)

Figure 33. North America Needle Protection Systems Consumption Value (2021-2032) & (USD Million)

Figure 34. Europe Needle Protection Systems Consumption Value (2021-2032) & (USD Million)

Figure 35. Asia-Pacific Needle Protection Systems Consumption Value (2021-2032) & (USD Million)

Figure 36. South America Needle Protection Systems Consumption Value (2021-2032) & (USD Million)

Figure 37. Middle East & Africa Needle Protection Systems Consumption Value (2021-2032) & (USD Million)

Figure 38. Global Needle Protection Systems Sales Quantity Market Share by Type (2021-2032)

Figure 39. Global Needle Protection Systems Consumption Value Market Share by Type (2021-2032)

Figure 40. Global Needle Protection Systems Average Price by Type (2021-2032) & (US\$/Unit)

Figure 41. Global Needle Protection Systems Sales Quantity Market Share by Application (2021-2032)

Figure 42. Global Needle Protection Systems Revenue Market Share by Application (2021-2032)

Figure 43. Global Needle Protection Systems Average Price by Application (2021-2032) & (US\$/Unit)

Figure 44. North America Needle Protection Systems Sales Quantity Market Share by Type (2021-2032)

Figure 45. North America Needle Protection Systems Sales Quantity Market Share by Application (2021-2032)

Figure 46. North America Needle Protection Systems Sales Quantity Market Share by Country (2021-2032)

Figure 47. North America Needle Protection Systems Consumption Value Market Share by Country (2021-2032)

Figure 48. United States Needle Protection Systems Consumption Value (2021-2032) & (USD Million)

Figure 49. Canada Needle Protection Systems Consumption Value (2021-2032) & (USD Million)

Figure 50. Mexico Needle Protection Systems Consumption Value (2021-2032) & (USD Million)

Figure 51. Europe Needle Protection Systems Sales Quantity Market Share by Type (2021-2032)

Figure 52. Europe Needle Protection Systems Sales Quantity Market Share by Application (2021-2032)

Figure 53. Europe Needle Protection Systems Sales Quantity Market Share by Country (2021-2032)

Figure 54. Europe Needle Protection Systems Consumption Value Market Share by Country (2021-2032)

Figure 55. Germany Needle Protection Systems Consumption Value (2021-2032) & (USD Million)

Figure 56. France Needle Protection Systems Consumption Value (2021-2032) & (USD Million)

Figure 57. United Kingdom Needle Protection Systems Consumption Value (2021-2032) & (USD Million)

Figure 58. Russia Needle Protection Systems Consumption Value (2021-2032) & (USD Million)

Figure 59. Italy Needle Protection Systems Consumption Value (2021-2032) & (USD Million)

Figure 60. Asia-Pacific Needle Protection Systems Sales Quantity Market Share by Type (2021-2032)

Figure 61. Asia-Pacific Needle Protection Systems Sales Quantity Market Share by Application (2021-2032)

Figure 62. Asia-Pacific Needle Protection Systems Sales Quantity Market Share by Region (2021-2032)

Figure 63. Asia-Pacific Needle Protection Systems Consumption Value Market Share by Region (2021-2032)

Figure 64. China Needle Protection Systems Consumption Value (2021-2032) & (USD Million)

Figure 65. Japan Needle Protection Systems Consumption Value (2021-2032) & (USD Million)

Million)

Figure 66. South Korea Needle Protection Systems Consumption Value (2021-2032) & (USD Million)

Figure 67. India Needle Protection Systems Consumption Value (2021-2032) & (USD Million)

Figure 68. Southeast Asia Needle Protection Systems Consumption Value (2021-2032) & (USD Million)

Figure 69. Australia Needle Protection Systems Consumption Value (2021-2032) & (USD Million)

Figure 70. South America Needle Protection Systems Sales Quantity Market Share by Type (2021-2032)

Figure 71. South America Needle Protection Systems Sales Quantity Market Share by Application (2021-2032)

Figure 72. South America Needle Protection Systems Sales Quantity Market Share by Country (2021-2032)

Figure 73. South America Needle Protection Systems Consumption Value Market Share by Country (2021-2032)

Figure 74. Brazil Needle Protection Systems Consumption Value (2021-2032) & (USD Million)

Figure 75. Argentina Needle Protection Systems Consumption Value (2021-2032) & (USD Million)

Figure 76. Middle East & Africa Needle Protection Systems Sales Quantity Market Share by Type (2021-2032)

Figure 77. Middle East & Africa Needle Protection Systems Sales Quantity Market Share by Application (2021-2032)

Figure 78. Middle East & Africa Needle Protection Systems Sales Quantity Market Share by Country (2021-2032)

Figure 79. Middle East & Africa Needle Protection Systems Consumption Value Market Share by Country (2021-2032)

Figure 80. Turkey Needle Protection Systems Consumption Value (2021-2032) & (USD Million)

Figure 81. Egypt Needle Protection Systems Consumption Value (2021-2032) & (USD Million)

Figure 82. Saudi Arabia Needle Protection Systems Consumption Value (2021-2032) & (USD Million)

Figure 83. South Africa Needle Protection Systems Consumption Value (2021-2032) & (USD Million)

Figure 84. Needle Protection Systems Market Drivers

Figure 85. Needle Protection Systems Market Restraints

- Figure 86. Needle Protection Systems Market Trends
- Figure 87. Porters Five Forces Analysis
- Figure 88. Manufacturing Cost Structure Analysis of Needle Protection Systems in 2025
- Figure 89. Manufacturing Process Analysis of Needle Protection Systems
- Figure 90. Needle Protection Systems Industrial Chain
- Figure 91. Sales Channel: Direct to End-User vs Distributors
- Figure 92. Direct Channel Pros & Cons
- Figure 93. Indirect Channel Pros & Cons
- Figure 94. Methodology
- Figure 95. Research Process and Data Source

## I would like to order

Product name: Global Needle Protection Systems Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

Product link: <https://marketpublishers.com/r/GD9B34D16D2DEN.html>

Price: US\$ 3,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GD9B34D16D2DEN.html>