

Global Hydrogen Needle Valve Market Growth 2026-2032

<https://marketpublishers.com/r/H9853048E1D2EN.html>

Date: June 2026

Pages: 109

Price: US\$ 3,660.00 (Single User License)

ID: H9853048E1D2EN

Abstracts

The global Hydrogen Needle Valve market size is predicted to grow from US\$ 44.14 million in 2025 to US\$ 85.52 million in 2032; it is expected to grow at a CAGR of 6.6% from 2026 to 2032.

In 2025, global Hydrogen Needle Valve approximately 193 k units, with an average global market price of around US\$ 154 per unit. Gross margin is about 49%. The cost is 79 usd. The Production is about 260 k units. Hydrogen needle valves, the main needle valves are used to make relatively fine adjustments to the fluid flow. In hydrogen applications, a number of important factors must be taken into account when specifying them. Needle valves are usually of all-metal construction and require a great deal of force to seal correctly. The key control unit for high-pressure hydrogen systems such as hydrogen filling stations is the infrastructure for hydrogen energy.

1. Move toward ultra-high pressure ratings With 70 MPa onboard hydrogen storage and high-pressure refueling stations, needle valves will require stronger bodies, improved sealing integrity, and enhanced fatigue life.
2. Increased use of hydrogen-resistant materials To mitigate hydrogen embrittlement and leakage, advanced stainless steels, nickel alloys, and surface treatments will be more widely adopted.
3. Improved precision micro-flow regulation Fuel cell systems demand stable hydrogen supply, leading to higher resolution adjustment and faster response valves for accurate gas flow control.
4. Miniaturization and system integration Compact designs will allow integration into

regulator assemblies and hydrogen supply modules for fuel cell and distributed energy systems.

5. Smart monitoring and safety integration Future valves will incorporate position feedback, leak detection, and remote diagnostics for integration with station control and energy management systems.

LP Information, Inc. (LPI) ' newest research report, the "Hydrogen Needle Valve Industry Forecast" looks at past sales and reviews total world Hydrogen Needle Valve sales in 2025, providing a comprehensive analysis by region and market sector of projected Hydrogen Needle Valve sales for 2026 through 2032. With Hydrogen Needle Valve sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Hydrogen Needle Valve industry.

This Insight Report provides a comprehensive analysis of the global Hydrogen Needle Valve landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Hydrogen Needle Valve portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Hydrogen Needle Valve market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Hydrogen Needle Valve and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Hydrogen Needle Valve.

This report presents a comprehensive overview, market shares, and growth opportunities of Hydrogen Needle Valve market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

10 Mm

14 Mm

20 Mm

Segmentation by Volume:

Micro-volume

Standard

High-volume

Segmentation by Material:

Stainless Steel

Titanium Alloy

Other

Segmentation by Application:

Hydrogenation Stations

Pressure Fluid Handling Systems

Hydrogen Compression Systems

Hydrogen Storage And Transport

Other

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Swagelok

Parker Hannifin

Hy-Lok

DK-Lok

FITOK Group

Ham-Let Group

SSP Fittings

Oliver Valves

Hoke (CIRCOR)

Ashcroft

Maximator

WEH GmbH

WITT Gasetechnik

Bürkert Fluid Control Systems

KITZ SCT

Key Questions Addressed in this Report

What is the 10-year outlook for the global Hydrogen Needle Valve market?

What factors are driving Hydrogen Needle Valve market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Hydrogen Needle Valve market opportunities vary by end market size?

How does Hydrogen Needle Valve break out by Type, by Application?

Contents

1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

2 EXECUTIVE SUMMARY

2.1 World Market Overview

- 2.1.1 Global Hydrogen Needle Valve Annual Sales 2021-2032
- 2.1.2 World Current & Future Analysis for Hydrogen Needle Valve by Geographic Region, 2021, 2025 & 2032
- 2.1.3 World Current & Future Analysis for Hydrogen Needle Valve by Country/Region, 2021, 2025 & 2032

2.2 Hydrogen Needle Valve Segment by Type

- 2.2.1 10 Mm
 - 2.2.2 14 Mm
 - 2.2.3 20 Mm
 - 2.2.4 Hydrogen Needle Valve Sales by Type
 - 2.2.4.1 Global Hydrogen Needle Valve Sales Market Share by Type (2021-2026)
 - 2.2.4.2 Global Hydrogen Needle Valve Revenue and Market Share by Type (2021-2026)
 - 2.2.4.3 Global Hydrogen Needle Valve Sale Price by Type (2021-2026)
- #### 2.3 Hydrogen Needle Valve Segment by Volume
- 2.3.1 Micro-volume
 - 2.3.2 Standard
 - 2.3.3 High-volume
 - 2.3.4 Hydrogen Needle Valve Sales by Volume
 - 2.3.4.1 Global Hydrogen Needle Valve Sales Market Share by Volume (2021-2026)
 - 2.3.4.2 Global Hydrogen Needle Valve Revenue and Market Share by Volume (2021-2026)
 - 2.3.4.3 Global Hydrogen Needle Valve Sale Price by Volume (2021-2026)

2.4 Hydrogen Needle Valve Segment by Material

2.4.1 Stainless Steel

2.4.2 Titanium Alloy

2.4.3 Other

2.4.4 Hydrogen Needle Valve Sales by Material

2.4.4.1 Global Hydrogen Needle Valve Sales Market Share by Material (2021-2026)

2.4.4.2 Global Hydrogen Needle Valve Revenue and Market Share by Material (2021-2026)

2.4.4.3 Global Hydrogen Needle Valve Sale Price by Material (2021-2026)

2.5 Hydrogen Needle Valve Segment by Application

2.5.1 Hydrogenation Stations

2.5.2 Pressure Fluid Handling Systems

2.5.3 Hydrogen Compression Systems

2.5.4 Hydrogen Storage And Transport

2.5.5 Other

2.5.6 Hydrogen Needle Valve Sales by Application

2.5.6.1 Global Hydrogen Needle Valve Sale Market Share by Application (2021-2026)

2.5.6.2 Global Hydrogen Needle Valve Revenue and Market Share by Application (2021-2026)

2.5.6.3 Global Hydrogen Needle Valve Sale Price by Application (2021-2026)

3 GLOBAL BY COMPANY

3.1 Global Hydrogen Needle Valve Breakdown Data by Company

3.1.1 Global Hydrogen Needle Valve Annual Sales by Company (2021-2026)

3.1.2 Global Hydrogen Needle Valve Sales Market Share by Company (2021-2026)

3.2 Global Hydrogen Needle Valve Annual Revenue by Company (2021-2026)

3.2.1 Global Hydrogen Needle Valve Revenue by Company (2021-2026)

3.2.2 Global Hydrogen Needle Valve Revenue Market Share by Company (2021-2026)

3.3 Global Hydrogen Needle Valve Sale Price by Company

3.4 Key Manufacturers Hydrogen Needle Valve Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Hydrogen Needle Valve Product Location Distribution

3.4.2 Players Hydrogen Needle Valve Products Offered

3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

3.6 New Products and Potential Entrants

3.7 Market M&A Activity & Strategy

4 WORLD HISTORIC REVIEW FOR HYDROGEN NEEDLE VALVE BY GEOGRAPHIC REGION

4.1 World Historic Hydrogen Needle Valve Market Size by Geographic Region (2021-2026)

4.1.1 Global Hydrogen Needle Valve Annual Sales by Geographic Region (2021-2026)

4.1.2 Global Hydrogen Needle Valve Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic Hydrogen Needle Valve Market Size by Country/Region (2021-2026)

4.2.1 Global Hydrogen Needle Valve Annual Sales by Country/Region (2021-2026)

4.2.2 Global Hydrogen Needle Valve Annual Revenue by Country/Region (2021-2026)

4.3 Americas Hydrogen Needle Valve Sales Growth

4.4 APAC Hydrogen Needle Valve Sales Growth

4.5 Europe Hydrogen Needle Valve Sales Growth

4.6 Middle East & Africa Hydrogen Needle Valve Sales Growth

5 AMERICAS

5.1 Americas Hydrogen Needle Valve Sales by Country

5.1.1 Americas Hydrogen Needle Valve Sales by Country (2021-2026)

5.1.2 Americas Hydrogen Needle Valve Revenue by Country (2021-2026)

5.2 Americas Hydrogen Needle Valve Sales by Type (2021-2026)

5.3 Americas Hydrogen Needle Valve Sales by Application (2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

6 APAC

6.1 APAC Hydrogen Needle Valve Sales by Region

6.1.1 APAC Hydrogen Needle Valve Sales by Region (2021-2026)

6.1.2 APAC Hydrogen Needle Valve Revenue by Region (2021-2026)

6.2 APAC Hydrogen Needle Valve Sales by Type (2021-2026)

6.3 APAC Hydrogen Needle Valve Sales by Application (2021-2026)

6.4 China

6.5 Japan

6.6 South Korea

6.7 Southeast Asia

6.8 India

6.9 Australia

6.10 China Taiwan

7 EUROPE

7.1 Europe Hydrogen Needle Valve by Country

7.1.1 Europe Hydrogen Needle Valve Sales by Country (2021-2026)

7.1.2 Europe Hydrogen Needle Valve Revenue by Country (2021-2026)

7.2 Europe Hydrogen Needle Valve Sales by Type (2021-2026)

7.3 Europe Hydrogen Needle Valve Sales by Application (2021-2026)

7.4 Germany

7.5 France

7.6 UK

7.7 Italy

7.8 Russia

8 MIDDLE EAST & AFRICA

8.1 Middle East & Africa Hydrogen Needle Valve by Country

8.1.1 Middle East & Africa Hydrogen Needle Valve Sales by Country (2021-2026)

8.1.2 Middle East & Africa Hydrogen Needle Valve Revenue by Country (2021-2026)

8.2 Middle East & Africa Hydrogen Needle Valve Sales by Type (2021-2026)

8.3 Middle East & Africa Hydrogen Needle Valve Sales by Application (2021-2026)

8.4 Egypt

8.5 South Africa

8.6 Israel

8.7 Turkey

8.8 GCC Countries

9 MARKET DRIVERS, CHALLENGES AND TRENDS

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

10 MANUFACTURING COST STRUCTURE ANALYSIS

- 10.1 Raw Material and Suppliers
- 10.2 Manufacturing Cost Structure Analysis of Hydrogen Needle Valve
- 10.3 Manufacturing Process Analysis of Hydrogen Needle Valve
- 10.4 Industry Chain Structure of Hydrogen Needle Valve

11 MARKETING, DISTRIBUTORS AND CUSTOMER

- 11.1 Sales Channel
 - 11.1.1 Direct Channels
 - 11.1.2 Indirect Channels
- 11.2 Hydrogen Needle Valve Distributors
- 11.3 Hydrogen Needle Valve Customer

12 WORLD FORECAST REVIEW FOR HYDROGEN NEEDLE VALVE BY GEOGRAPHIC REGION

- 12.1 Global Hydrogen Needle Valve Market Size Forecast by Region
 - 12.1.1 Global Hydrogen Needle Valve Forecast by Region (2027-2032)
 - 12.1.2 Global Hydrogen Needle Valve Annual Revenue Forecast by Region (2027-2032)
- 12.2 Americas Forecast by Country (2027-2032)
- 12.3 APAC Forecast by Region (2027-2032)
- 12.4 Europe Forecast by Country (2027-2032)
- 12.5 Middle East & Africa Forecast by Country (2027-2032)
- 12.6 Global Hydrogen Needle Valve Forecast by Type (2027-2032)
- 12.7 Global Hydrogen Needle Valve Forecast by Application (2027-2032)

13 KEY PLAYERS ANALYSIS

- 13.1 Swagelok
 - 13.1.1 Swagelok Company Information
 - 13.1.2 Swagelok Hydrogen Needle Valve Product Portfolios and Specifications
 - 13.1.3 Swagelok Hydrogen Needle Valve Sales, Revenue, Price and Gross Margin (2021-2026)
 - 13.1.4 Swagelok Main Business Overview
 - 13.1.5 Swagelok Latest Developments
- 13.2 Parker Hannifin
 - 13.2.1 Parker Hannifin Company Information
 - 13.2.2 Parker Hannifin Hydrogen Needle Valve Product Portfolios and Specifications

13.2.3 Parker Hannifin Hydrogen Needle Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.2.4 Parker Hannifin Main Business Overview

13.2.5 Parker Hannifin Latest Developments

13.3 Hy-Lok

13.3.1 Hy-Lok Company Information

13.3.2 Hy-Lok Hydrogen Needle Valve Product Portfolios and Specifications

13.3.3 Hy-Lok Hydrogen Needle Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.3.4 Hy-Lok Main Business Overview

13.3.5 Hy-Lok Latest Developments

13.4 DK-Lok

13.4.1 DK-Lok Company Information

13.4.2 DK-Lok Hydrogen Needle Valve Product Portfolios and Specifications

13.4.3 DK-Lok Hydrogen Needle Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 DK-Lok Main Business Overview

13.4.5 DK-Lok Latest Developments

13.5 FITOK Group

13.5.1 FITOK Group Company Information

13.5.2 FITOK Group Hydrogen Needle Valve Product Portfolios and Specifications

13.5.3 FITOK Group Hydrogen Needle Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 FITOK Group Main Business Overview

13.5.5 FITOK Group Latest Developments

13.6 Ham-Let Group

13.6.1 Ham-Let Group Company Information

13.6.2 Ham-Let Group Hydrogen Needle Valve Product Portfolios and Specifications

13.6.3 Ham-Let Group Hydrogen Needle Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.6.4 Ham-Let Group Main Business Overview

13.6.5 Ham-Let Group Latest Developments

13.7 SSP Fittings

13.7.1 SSP Fittings Company Information

13.7.2 SSP Fittings Hydrogen Needle Valve Product Portfolios and Specifications

13.7.3 SSP Fittings Hydrogen Needle Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.7.4 SSP Fittings Main Business Overview

13.7.5 SSP Fittings Latest Developments

13.8 Oliver Valves

13.8.1 Oliver Valves Company Information

13.8.2 Oliver Valves Hydrogen Needle Valve Product Portfolios and Specifications

13.8.3 Oliver Valves Hydrogen Needle Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.8.4 Oliver Valves Main Business Overview

13.8.5 Oliver Valves Latest Developments

13.9 Hoke (CIRCOR)

13.9.1 Hoke (CIRCOR) Company Information

13.9.2 Hoke (CIRCOR) Hydrogen Needle Valve Product Portfolios and Specifications

13.9.3 Hoke (CIRCOR) Hydrogen Needle Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.9.4 Hoke (CIRCOR) Main Business Overview

13.9.5 Hoke (CIRCOR) Latest Developments

13.10 Ashcroft

13.10.1 Ashcroft Company Information

13.10.2 Ashcroft Hydrogen Needle Valve Product Portfolios and Specifications

13.10.3 Ashcroft Hydrogen Needle Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.10.4 Ashcroft Main Business Overview

13.10.5 Ashcroft Latest Developments

13.11 Maximator

13.11.1 Maximator Company Information

13.11.2 Maximator Hydrogen Needle Valve Product Portfolios and Specifications

13.11.3 Maximator Hydrogen Needle Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.11.4 Maximator Main Business Overview

13.11.5 Maximator Latest Developments

13.12 WEH GmbH

13.12.1 WEH GmbH Company Information

13.12.2 WEH GmbH Hydrogen Needle Valve Product Portfolios and Specifications

13.12.3 WEH GmbH Hydrogen Needle Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.12.4 WEH GmbH Main Business Overview

13.12.5 WEH GmbH Latest Developments

13.13 WITT Gasetechnik

13.13.1 WITT Gasetechnik Company Information

13.13.2 WITT Gasetechnik Hydrogen Needle Valve Product Portfolios and Specifications

13.13.3 WITT Gasetechnik Hydrogen Needle Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.13.4 WITT Gasetechnik Main Business Overview

13.13.5 WITT Gasetechnik Latest Developments

13.14 B?rkert Fluid Control Systems

13.14.1 B?rkert Fluid Control Systems Company Information

13.14.2 B?rkert Fluid Control Systems Hydrogen Needle Valve Product Portfolios and Specifications

13.14.3 B?rkert Fluid Control Systems Hydrogen Needle Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.14.4 B?rkert Fluid Control Systems Main Business Overview

13.14.5 B?rkert Fluid Control Systems Latest Developments

13.15 KITZ SCT

13.15.1 KITZ SCT Company Information

13.15.2 KITZ SCT Hydrogen Needle Valve Product Portfolios and Specifications

13.15.3 KITZ SCT Hydrogen Needle Valve Sales, Revenue, Price and Gross Margin (2021-2026)

13.15.4 KITZ SCT Main Business Overview

13.15.5 KITZ SCT Latest Developments

14 RESEARCH FINDINGS AND CONCLUSION

List Of Tables

LIST OF TABLES

Table 1. Hydrogen Needle Valve Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. Hydrogen Needle Valve Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of 10 Mm

Table 4. Major Players of 14 Mm

Table 5. Major Players of 20 Mm

Table 6. Global Hydrogen Needle Valve Sales by Type (2021-2026) & (K Units)

Table 7. Global Hydrogen Needle Valve Sales Market Share by Type (2021-2026)

Table 8. Global Hydrogen Needle Valve Revenue by Type (2021-2026) & (\$ million)

Table 9. Global Hydrogen Needle Valve Revenue Market Share by Type (2021-2026)

Table 10. Global Hydrogen Needle Valve Sale Price by Type (2021-2026) & (US\$/Unit)

Table 11. Major Players of Micro-volume

Table 12. Major Players of Standard

Table 13. Major Players of High-volume

Table 14. Global Hydrogen Needle Valve Sales by Volume (2021-2026) & (K Units)

Table 15. Global Hydrogen Needle Valve Sales Market Share by Volume (2021-2026)

Table 16. Global Hydrogen Needle Valve Revenue by Volume (2021-2026) & (\$ million)

Table 17. Global Hydrogen Needle Valve Revenue Market Share by Volume (2021-2026)

Table 18. Global Hydrogen Needle Valve Sale Price by Volume (2021-2026) & (US\$/Unit)

Table 19. Major Players of Stainless Steel

Table 20. Major Players of Titanium Alloy

Table 21. Major Players of Other

Table 22. Global Hydrogen Needle Valve Sales by Material (2021-2026) & (K Units)

Table 23. Global Hydrogen Needle Valve Sales Market Share by Material (2021-2026)

Table 24. Global Hydrogen Needle Valve Revenue by Material (2021-2026) & (\$ million)

Table 25. Global Hydrogen Needle Valve Revenue Market Share by Material (2021-2026)

Table 26. Global Hydrogen Needle Valve Sale Price by Material (2021-2026) & (US\$/Unit)

Table 27. Global Hydrogen Needle Valve Sale by Application (2021-2026) & (K Units)

Table 28. Global Hydrogen Needle Valve Sale Market Share by Application (2021-2026)

Table 29. Global Hydrogen Needle Valve Revenue by Application (2021-2026) & (\$

million)

Table 30. Global Hydrogen Needle Valve Revenue Market Share by Application (2021-2026)

Table 31. Global Hydrogen Needle Valve Sale Price by Application (2021-2026) & (US\$/Unit)

Table 32. Global Hydrogen Needle Valve Sales by Company (2021-2026) & (K Units)

Table 33. Global Hydrogen Needle Valve Sales Market Share by Company (2021-2026)

Table 34. Global Hydrogen Needle Valve Revenue by Company (2021-2026) & (\$ millions)

Table 35. Global Hydrogen Needle Valve Revenue Market Share by Company (2021-2026)

Table 36. Global Hydrogen Needle Valve Sale Price by Company (2021-2026) & (US\$/Unit)

Table 37. Key Manufacturers Hydrogen Needle Valve Producing Area Distribution and Sales Area

Table 38. Players Hydrogen Needle Valve Products Offered

Table 39. Hydrogen Needle Valve Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 40. New Products and Potential Entrants

Table 41. Market M&A Activity & Strategy

Table 42. Global Hydrogen Needle Valve Sales by Geographic Region (2021-2026) & (K Units)

Table 43. Global Hydrogen Needle Valve Sales Market Share Geographic Region (2021-2026)

Table 44. Global Hydrogen Needle Valve Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 45. Global Hydrogen Needle Valve Revenue Market Share by Geographic Region (2021-2026)

Table 46. Global Hydrogen Needle Valve Sales by Country/Region (2021-2026) & (K Units)

Table 47. Global Hydrogen Needle Valve Sales Market Share by Country/Region (2021-2026)

Table 48. Global Hydrogen Needle Valve Revenue by Country/Region (2021-2026) & (\$ millions)

Table 49. Global Hydrogen Needle Valve Revenue Market Share by Country/Region (2021-2026)

Table 50. Americas Hydrogen Needle Valve Sales by Country (2021-2026) & (K Units)

Table 51. Americas Hydrogen Needle Valve Sales Market Share by Country (2021-2026)

Table 52. Americas Hydrogen Needle Valve Revenue by Country (2021-2026) & (\$ millions)

Table 53. Americas Hydrogen Needle Valve Sales by Type (2021-2026) & (K Units)

Table 54. Americas Hydrogen Needle Valve Sales by Application (2021-2026) & (K Units)

Table 55. APAC Hydrogen Needle Valve Sales by Region (2021-2026) & (K Units)

Table 56. APAC Hydrogen Needle Valve Sales Market Share by Region (2021-2026)

Table 57. APAC Hydrogen Needle Valve Revenue by Region (2021-2026) & (\$ millions)

Table 58. APAC Hydrogen Needle Valve Sales by Type (2021-2026) & (K Units)

Table 59. APAC Hydrogen Needle Valve Sales by Application (2021-2026) & (K Units)

Table 60. Europe Hydrogen Needle Valve Sales by Country (2021-2026) & (K Units)

Table 61. Europe Hydrogen Needle Valve Revenue by Country (2021-2026) & (\$ millions)

Table 62. Europe Hydrogen Needle Valve Sales by Type (2021-2026) & (K Units)

Table 63. Europe Hydrogen Needle Valve Sales by Application (2021-2026) & (K Units)

Table 64. Middle East & Africa Hydrogen Needle Valve Sales by Country (2021-2026) & (K Units)

Table 65. Middle East & Africa Hydrogen Needle Valve Revenue Market Share by Country (2021-2026)

Table 66. Middle East & Africa Hydrogen Needle Valve Sales by Type (2021-2026) & (K Units)

Table 67. Middle East & Africa Hydrogen Needle Valve Sales by Application (2021-2026) & (K Units)

Table 68. Key Market Drivers & Growth Opportunities of Hydrogen Needle Valve

Table 69. Key Market Challenges & Risks of Hydrogen Needle Valve

Table 70. Key Industry Trends of Hydrogen Needle Valve

Table 71. Hydrogen Needle Valve Raw Material

Table 72. Key Suppliers of Raw Materials

Table 73. Hydrogen Needle Valve Distributors List

Table 74. Hydrogen Needle Valve Customer List

Table 75. Global Hydrogen Needle Valve Sales Forecast by Region (2027-2032) & (K Units)

Table 76. Global Hydrogen Needle Valve Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 77. Americas Hydrogen Needle Valve Sales Forecast by Country (2027-2032) & (K Units)

Table 78. Americas Hydrogen Needle Valve Annual Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 79. APAC Hydrogen Needle Valve Sales Forecast by Region (2027-2032) & (K

Units)

Table 80. APAC Hydrogen Needle Valve Annual Revenue Forecast by Region (2027-2032) & (\$ millions)

Table 81. Europe Hydrogen Needle Valve Sales Forecast by Country (2027-2032) & (K Units)

Table 82. Europe Hydrogen Needle Valve Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 83. Middle East & Africa Hydrogen Needle Valve Sales Forecast by Country (2027-2032) & (K Units)

Table 84. Middle East & Africa Hydrogen Needle Valve Revenue Forecast by Country (2027-2032) & (\$ millions)

Table 85. Global Hydrogen Needle Valve Sales Forecast by Type (2027-2032) & (K Units)

Table 86. Global Hydrogen Needle Valve Revenue Forecast by Type (2027-2032) & (\$ millions)

Table 87. Global Hydrogen Needle Valve Sales Forecast by Application (2027-2032) & (K Units)

Table 88. Global Hydrogen Needle Valve Revenue Forecast by Application (2027-2032) & (\$ millions)

Table 89. Swagelok Basic Information, Hydrogen Needle Valve Manufacturing Base, Sales Area and Its Competitors

Table 90. Swagelok Hydrogen Needle Valve Product Portfolios and Specifications

Table 91. Swagelok Hydrogen Needle Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 92. Swagelok Main Business

Table 93. Swagelok Latest Developments

Table 94. Parker Hannifin Basic Information, Hydrogen Needle Valve Manufacturing Base, Sales Area and Its Competitors

Table 95. Parker Hannifin Hydrogen Needle Valve Product Portfolios and Specifications

Table 96. Parker Hannifin Hydrogen Needle Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 97. Parker Hannifin Main Business

Table 98. Parker Hannifin Latest Developments

Table 99. Hy-Lok Basic Information, Hydrogen Needle Valve Manufacturing Base, Sales Area and Its Competitors

Table 100. Hy-Lok Hydrogen Needle Valve Product Portfolios and Specifications

Table 101. Hy-Lok Hydrogen Needle Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 102. Hy-Lok Main Business

Table 103. Hy-Lok Latest Developments

Table 104. DK-Lok Basic Information, Hydrogen Needle Valve Manufacturing Base, Sales Area and Its Competitors

Table 105. DK-Lok Hydrogen Needle Valve Product Portfolios and Specifications

Table 106. DK-Lok Hydrogen Needle Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 107. DK-Lok Main Business

Table 108. DK-Lok Latest Developments

Table 109. FITOK Group Basic Information, Hydrogen Needle Valve Manufacturing Base, Sales Area and Its Competitors

Table 110. FITOK Group Hydrogen Needle Valve Product Portfolios and Specifications

Table 111. FITOK Group Hydrogen Needle Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 112. FITOK Group Main Business

Table 113. FITOK Group Latest Developments

Table 114. Ham-Let Group Basic Information, Hydrogen Needle Valve Manufacturing Base, Sales Area and Its Competitors

Table 115. Ham-Let Group Hydrogen Needle Valve Product Portfolios and Specifications

Table 116. Ham-Let Group Hydrogen Needle Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 117. Ham-Let Group Main Business

Table 118. Ham-Let Group Latest Developments

Table 119. SSP Fittings Basic Information, Hydrogen Needle Valve Manufacturing Base, Sales Area and Its Competitors

Table 120. SSP Fittings Hydrogen Needle Valve Product Portfolios and Specifications

Table 121. SSP Fittings Hydrogen Needle Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 122. SSP Fittings Main Business

Table 123. SSP Fittings Latest Developments

Table 124. Oliver Valves Basic Information, Hydrogen Needle Valve Manufacturing Base, Sales Area and Its Competitors

Table 125. Oliver Valves Hydrogen Needle Valve Product Portfolios and Specifications

Table 126. Oliver Valves Hydrogen Needle Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 127. Oliver Valves Main Business

Table 128. Oliver Valves Latest Developments

Table 129. Hoke (CIRCOR) Basic Information, Hydrogen Needle Valve Manufacturing Base, Sales Area and Its Competitors

Table 130. Hoke (CIRCOR) Hydrogen Needle Valve Product Portfolios and Specifications

Table 131. Hoke (CIRCOR) Hydrogen Needle Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 132. Hoke (CIRCOR) Main Business

Table 133. Hoke (CIRCOR) Latest Developments

Table 134. Ashcroft Basic Information, Hydrogen Needle Valve Manufacturing Base, Sales Area and Its Competitors

Table 135. Ashcroft Hydrogen Needle Valve Product Portfolios and Specifications

Table 136. Ashcroft Hydrogen Needle Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 137. Ashcroft Main Business

Table 138. Ashcroft Latest Developments

Table 139. Maximator Basic Information, Hydrogen Needle Valve Manufacturing Base, Sales Area and Its Competitors

Table 140. Maximator Hydrogen Needle Valve Product Portfolios and Specifications

Table 141. Maximator Hydrogen Needle Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 142. Maximator Main Business

Table 143. Maximator Latest Developments

Table 144. WEH GmbH Basic Information, Hydrogen Needle Valve Manufacturing Base, Sales Area and Its Competitors

Table 145. WEH GmbH Hydrogen Needle Valve Product Portfolios and Specifications

Table 146. WEH GmbH Hydrogen Needle Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 147. WEH GmbH Main Business

Table 148. WEH GmbH Latest Developments

Table 149. WITT Gasetechnik Basic Information, Hydrogen Needle Valve Manufacturing Base, Sales Area and Its Competitors

Table 150. WITT Gasetechnik Hydrogen Needle Valve Product Portfolios and Specifications

Table 151. WITT Gasetechnik Hydrogen Needle Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 152. WITT Gasetechnik Main Business

Table 153. WITT Gasetechnik Latest Developments

Table 154. B?rkert Fluid Control Systems Basic Information, Hydrogen Needle Valve Manufacturing Base, Sales Area and Its Competitors

Table 155. B?rkert Fluid Control Systems Hydrogen Needle Valve Product Portfolios and Specifications

Table 156. Borkert Fluid Control Systems Hydrogen Needle Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 157. Borkert Fluid Control Systems Main Business

Table 158. Borkert Fluid Control Systems Latest Developments

Table 159. KITZ SCT Basic Information, Hydrogen Needle Valve Manufacturing Base, Sales Area and Its Competitors

Table 160. KITZ SCT Hydrogen Needle Valve Product Portfolios and Specifications

Table 161. KITZ SCT Hydrogen Needle Valve Sales (K Units), Revenue (\$ Million), Price (US\$/Unit) and Gross Margin (2021-2026)

Table 162. KITZ SCT Main Business

Table 163. KITZ SCT Latest Developments

List Of Figures

LIST OF FIGURES

Figure 1. Picture of Hydrogen Needle Valve

Figure 2. Hydrogen Needle Valve Report Years Considered

Figure 3. Research Objectives

Figure 4. Research Methodology

Figure 5. Research Process and Data Source

Figure 6. Global Hydrogen Needle Valve Sales Growth Rate 2021-2032 (K Units)

Figure 7. Global Hydrogen Needle Valve Revenue Growth Rate 2021-2032 (\$ millions)

Figure 8. Hydrogen Needle Valve Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Figure 9. Hydrogen Needle Valve Sales Market Share by Country/Region (2025)

Figure 10. Hydrogen Needle Valve Sales Market Share by Country/Region (2021, 2025 & 2032)

Figure 11. Product Picture of 10 Mm

Figure 12. Product Picture of 14 Mm

Figure 13. Product Picture of 20 Mm

Figure 14. Global Hydrogen Needle Valve Sales Market Share by Type in 2026

Figure 15. Global Hydrogen Needle Valve Revenue Market Share by Type (2021-2026)

Figure 16. Product Picture of Micro-volume

Figure 17. Product Picture of Standard

Figure 18. Product Picture of High-volume

Figure 19. Global Hydrogen Needle Valve Sales Market Share by Volume in 2026

Figure 20. Global Hydrogen Needle Valve Revenue Market Share by Volume (2021-2026)

Figure 21. Product Picture of Stainless Steel

Figure 22. Product Picture of Titanium Alloy

Figure 23. Product Picture of Other

Figure 24. Global Hydrogen Needle Valve Sales Market Share by Material in 2026

Figure 25. Global Hydrogen Needle Valve Revenue Market Share by Material (2021-2026)

Figure 26. Hydrogen Needle Valve Consumed in Hydrogenation Stations

Figure 27. Global Hydrogen Needle Valve Market: Hydrogenation Stations (2021-2026) & (K Units)

Figure 28. Hydrogen Needle Valve Consumed in Pressure Fluid Handling Systems

Figure 29. Global Hydrogen Needle Valve Market: Pressure Fluid Handling Systems (2021-2026) & (K Units)

Figure 30. Hydrogen Needle Valve Consumed in Hydrogen Compression Systems

Figure 31. Global Hydrogen Needle Valve Market: Hydrogen Compression Systems (2021-2026) & (K Units)

Figure 32. Hydrogen Needle Valve Consumed in Hydrogen Storage And Transport

Figure 33. Global Hydrogen Needle Valve Market: Hydrogen Storage And Transport (2021-2026) & (K Units)

Figure 34. Hydrogen Needle Valve Consumed in Other

Figure 35. Global Hydrogen Needle Valve Market: Other (2021-2026) & (K Units)

Figure 36. Global Hydrogen Needle Valve Sale Market Share by Application (2025)

Figure 37. Global Hydrogen Needle Valve Revenue Market Share by Application in 2025

Figure 38. Hydrogen Needle Valve Sales by Company in 2025 (K Units)

Figure 39. Global Hydrogen Needle Valve Sales Market Share by Company in 2025

Figure 40. Hydrogen Needle Valve Revenue by Company in 2025 (\$ millions)

Figure 41. Global Hydrogen Needle Valve Revenue Market Share by Company in 2025

Figure 42. Global Hydrogen Needle Valve Sales Market Share by Geographic Region (2021-2026)

Figure 43. Global Hydrogen Needle Valve Revenue Market Share by Geographic Region in 2025

Figure 44. Americas Hydrogen Needle Valve Sales 2021-2026 (K Units)

Figure 45. Americas Hydrogen Needle Valve Revenue 2021-2026 (\$ millions)

Figure 46. APAC Hydrogen Needle Valve Sales 2021-2026 (K Units)

Figure 47. APAC Hydrogen Needle Valve Revenue 2021-2026 (\$ millions)

Figure 48. Europe Hydrogen Needle Valve Sales 2021-2026 (K Units)

Figure 49. Europe Hydrogen Needle Valve Revenue 2021-2026 (\$ millions)

Figure 50. Middle East & Africa Hydrogen Needle Valve Sales 2021-2026 (K Units)

Figure 51. Middle East & Africa Hydrogen Needle Valve Revenue 2021-2026 (\$ millions)

Figure 52. Americas Hydrogen Needle Valve Sales Market Share by Country in 2025

Figure 53. Americas Hydrogen Needle Valve Revenue Market Share by Country (2021-2026)

Figure 54. Americas Hydrogen Needle Valve Sales Market Share by Type (2021-2026)

Figure 55. Americas Hydrogen Needle Valve Sales Market Share by Application (2021-2026)

Figure 56. United States Hydrogen Needle Valve Revenue Growth 2021-2026 (\$ millions)

Figure 57. Canada Hydrogen Needle Valve Revenue Growth 2021-2026 (\$ millions)

Figure 58. Mexico Hydrogen Needle Valve Revenue Growth 2021-2026 (\$ millions)

Figure 59. Brazil Hydrogen Needle Valve Revenue Growth 2021-2026 (\$ millions)

Figure 60. APAC Hydrogen Needle Valve Sales Market Share by Region in 2025

Figure 61. APAC Hydrogen Needle Valve Revenue Market Share by Region
(2021-2026)

Figure 62. APAC Hydrogen Needle Valve Sales Market Share by Type (2021-2026)

Figure 63. APAC Hydrogen Needle Valve Sales Market Share by Application
(2021-2026)

Figure 64. China Hydrogen Needle Valve Revenue Growth 2021-2026 (\$ millions)

Figure 65. Japan Hydrogen Needle Valve Revenue Growth 2021-2026 (\$ millions)

Figure 66. South Korea Hydrogen Needle Valve Revenue Growth 2021-2026 (\$
millions)

Figure 67. Southeast Asia Hydrogen Needle Valve Revenue Growth 2021-2026 (\$
millions)

Figure 68. India Hydrogen Needle Valve Revenue Growth 2021-2026 (\$ millions)

Figure 69. Australia Hydrogen Needle Valve Revenue Growth 2021-2026 (\$ millions)

Figure 70. China Taiwan Hydrogen Needle Valve Revenue Growth 2021-2026 (\$
millions)

Figure 71. Europe Hydrogen Needle Valve Sales Market Share by Country in 2025

Figure 72. Europe Hydrogen Needle Valve Revenue Market Share by Country
(2021-2026)

Figure 73. Europe Hydrogen Needle Valve Sales Market Share by Type (2021-2026)

Figure 74. Europe Hydrogen Needle Valve Sales Market Share by Application
(2021-2026)

Figure 75. Germany Hydrogen Needle Valve Revenue Growth 2021-2026 (\$ millions)

Figure 76. France Hydrogen Needle Valve Revenue Growth 2021-2026 (\$ millions)

Figure 77. UK Hydrogen Needle Valve Revenue Growth 2021-2026 (\$ millions)

Figure 78. Italy Hydrogen Needle Valve Revenue Growth 2021-2026 (\$ millions)

Figure 79. Russia Hydrogen Needle Valve Revenue Growth 2021-2026 (\$ millions)

Figure 80. Middle East & Africa Hydrogen Needle Valve Sales Market Share by Country
(2021-2026)

Figure 81. Middle East & Africa Hydrogen Needle Valve Sales Market Share by Type
(2021-2026)

Figure 82. Middle East & Africa Hydrogen Needle Valve Sales Market Share by
Application (2021-2026)

Figure 83. Egypt Hydrogen Needle Valve Revenue Growth 2021-2026 (\$ millions)

Figure 84. South Africa Hydrogen Needle Valve Revenue Growth 2021-2026 (\$
millions)

Figure 85. Israel Hydrogen Needle Valve Revenue Growth 2021-2026 (\$ millions)

Figure 86. Turkey Hydrogen Needle Valve Revenue Growth 2021-2026 (\$ millions)

Figure 87. GCC Countries Hydrogen Needle Valve Revenue Growth 2021-2026 (\$

millions)

Figure 88. Manufacturing Cost Structure Analysis of Hydrogen Needle Valve in 2026

Figure 89. Manufacturing Process Analysis of Hydrogen Needle Valve

Figure 90. Industry Chain Structure of Hydrogen Needle Valve

Figure 91. Channels of Distribution

Figure 92. Global Hydrogen Needle Valve Sales Market Forecast by Region
(2027-2032)

Figure 93. Global Hydrogen Needle Valve Revenue Market Share Forecast by Region
(2027-2032)

Figure 94. Global Hydrogen Needle Valve Sales Market Share Forecast by Type
(2027-2032)

Figure 95. Global Hydrogen Needle Valve Revenue Market Share Forecast by Type
(2027-2032)

Figure 96. Global Hydrogen Needle Valve Sales Market Share Forecast by Application
(2027-2032)

Figure 97. Global Hydrogen Needle Valve Revenue Market Share Forecast by
Application (2027-2032)

I would like to order

Product name: Global Hydrogen Needle Valve Market Growth 2026-2032

Product link: <https://marketpublishers.com/r/H9853048E1D2EN.html>

Price: US\$ 3,660.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/H9853048E1D2EN.html>