

Global Pneumatic Vacuum Valves for Semiconductor Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Pneumatic Vacuum Valves for Semiconductor market size is expected to reach \$ 1802 million by 2032, rising at a market growth of 4.4% CAGR during the forecast period (2026-2032).

In 2025, global pneumatic vacuum valve for semiconductor production reached approximately 2271 k units, the average price is 570 usd/ unit. Pneumatic vacuum valve for semiconductor is an automatic actuator designed for various vacuum systems in semiconductor manufacturing process. Its core function is to accurately control the "on" and "off" of gases in specific vacuum pipelines, thereby isolating or connecting different process chambers to ensure that chip manufacturing can be carried out stably under the required high vacuum or even ultra-high vacuum environment.

The gross profit margin of pneumatic vacuum valves for semiconductors is around 45%.

This report studies the global Pneumatic Vacuum Valves for Semiconductor production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Pneumatic Vacuum Valves for Semiconductor and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Pneumatic Vacuum Valves for Semiconductor that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Pneumatic Vacuum Valves for Semiconductor total production and demand, 2021-2032, (K Units)

Global Pneumatic Vacuum Valves for Semiconductor total production value, 2021-2032, (USD Million)

Global Pneumatic Vacuum Valves for Semiconductor production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Pneumatic Vacuum Valves for Semiconductor consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Pneumatic Vacuum Valves for Semiconductor domestic production, consumption, key domestic manufacturers and share

Global Pneumatic Vacuum Valves for Semiconductor production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Pneumatic Vacuum Valves for Semiconductor production by Structure, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Pneumatic Vacuum Valves for Semiconductor production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Pneumatic Vacuum Valves for Semiconductor market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include VAT Group AG, Fujikin, Parker, CKD, MKS, Pfeiffer Vacuum, SMC Corporation, KITZ SCT, HVA, i-San Inc, etc.

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

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Pneumatic Vacuum Valves for Semiconductor market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Structure, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Pneumatic Vacuum Valves for Semiconductor Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Pneumatic Vacuum Valves for Semiconductor Market, Segmentation by Structure:

Gate Valve

Angle Valve

Inline Valve

Butterfly Valve

Slit Valve

Global Pneumatic Vacuum Valves for Semiconductor Market, Segmentation by Drive:

Single-acting Pneumatic Valve

Double-acting Pneumatic Valve

Global Pneumatic Vacuum Valves for Semiconductor Market, Segmentation by Seal:

Elastomeric Seal Valve

Metal Seal Valve

Global Pneumatic Vacuum Valves for Semiconductor Market, Segmentation by Application:

Etching Equipment

Thin Film Deposition Equipment

Lithographic Equipment

Ion Implanter Equipment

Metrology & Inspection Equipment

Others

Companies Profiled:

VAT Group AG

Fujikin

Parker

CKD

MKS

Pfeiffer Vacuum

SMC Corporation

KITZ SCT

HVA

i-San Inc

Entegris

Emerson

Rotarex

Festo

Atlas Copco

Highlight Tech Corp (HTC)

Kunshan Kinglai Hygienic Materials

Key Questions Answered:

1. How big is the global Pneumatic Vacuum Valves for Semiconductor market?
2. What is the demand of the global Pneumatic Vacuum Valves for Semiconductor market?
3. What is the year over year growth of the global Pneumatic Vacuum Valves for Semiconductor market?
4. What is the production and production value of the global Pneumatic Vacuum Valves for Semiconductor market?
5. Who are the key producers in the global Pneumatic Vacuum Valves for Semiconductor market?
6. What are the growth factors driving the market demand?

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