

# Global Electronic Vacuum Pump Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Electronic Vacuum Pump market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Electronic vacuum pump is a device used to generate vacuum, which utilizes electronic technology and vacuum technology principles to achieve the process of vacuum extraction. Compared with traditional mechanical pumps, electronic vacuum pumps do not have rotating components and do not have oil lubrication during operation, resulting in higher reliability and longer service life. The working principle of an electronic vacuum pump is to ionize gas molecules through electronic ionization technology, and then use electric and magnetic field forces to accelerate and repel ions, causing gas molecules to form high-speed motion inside the vacuum pump and ultimately be discharged from the vacuum pump, thus achieving the purpose of vacuum extraction. Electronic vacuum pumps typically consist of an ionizer, an accelerator plate, a repulsor plate, a collector plate, and a vacuum pump body. The ionizer ionizes gas molecules, applies positive and negative electric field forces to the accelerating and repelling plates, respectively, allowing ions to gain kinetic energy and accelerate their motion. Finally, they are collected by the collecting plates. The vacuum pump body is responsible for providing a vacuum environment and extracting ions from the vacuum pump. Electronic vacuum pump has the advantages of small size, light weight, low power consumption, low noise, etc. It is widely used in vacuum systems in scientific research laboratories, medical equipment, semiconductor manufacturing, Optical instrument and other fields.

This report studies the global Electronic Vacuum Pump production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Electronic

Vacuum Pump, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Electronic Vacuum Pump that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Electronic Vacuum Pump total production and demand, 2018-2029, (K Units)

Global Electronic Vacuum Pump total production value, 2018-2029, (USD Million)

Global Electronic Vacuum Pump production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Electronic Vacuum Pump consumption by region & country, CAGR, 2018-2029 & (K Units)

U.S. VS China: Electronic Vacuum Pump domestic production, consumption, key domestic manufacturers and share

Global Electronic Vacuum Pump production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (K Units)

Global Electronic Vacuum Pump production by Type, production, value, CAGR, 2018-2029, (USD Million) & (K Units)

Global Electronic Vacuum Pump production by Application production, value, CAGR, 2018-2029, (USD Million) & (K Units).

This reports profiles key players in the global Electronic Vacuum Pump 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 Edwards Vacuum, Leybold GmbH, Pfeiffer Vacuum Technology AG, Agilent Technologies, Inc., ULVAC, Inc., Welch Vacuum (a Gardner Denver Brand), Ebara Corporation, Busch Vacuum Solutions and Atlas Copco AB, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Electronic Vacuum Pump 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 Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

Global Electronic Vacuum Pump Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Electronic Vacuum Pump Market, Segmentation by Type

Electronic Diffusion Pump

Electronic Injection Pump

Global Electronic Vacuum Pump Market, Segmentation by Application

Optical Industry

Semiconductor Industry

Aerospace Industry

Others

#### Companies Profiled:

Edwards Vacuum

Leybold GmbH

Pfeiffer Vacuum Technology AG

Agilent Technologies, Inc.

ULVAC, Inc.

Welch Vacuum (a Gardner Denver Brand)

Ebara Corporation

Busch Vacuum Solutions

Atlas Copco AB

KNF Neuberger GmbH

Anest Iwata Corporation

Becker Pump Corporation

Graham Corporation

Sterling SIHI GmbH

## Key Questions Answered

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

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