

# Global Nozzle Static Eliminators Market 2026 by Manufacturers, Regions, Type and Application, Forecast to 2032

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## Abstracts

According to our (Global Info Research) latest study, the global Nozzle Static Eliminators market size was valued at US\$ 119 million in 2025 and is forecast to a readjusted size of US\$ 182 million by 2032 with a CAGR of 6.3% during review period.

In 2025, global Nozzle Static Eliminator reached approximately 618.4 Units, with an average global market price of around 187 USD per Units.

An Nozzle Static Eliminator is a localized static neutralization device that uses compressed air combined with ion generation to remove static electric charges from targeted objects or surfaces. The nozzle emits a focused stream of ionized air containing balanced positive and negative ions, which neutralize electrostatic charges on materials while simultaneously blowing away dust or particles. Ionizing nozzles are designed for point-of-use or spot treatment, making them especially effective for applications requiring precise, fast, and directional static elimination. They are commonly installed on automated equipment, robotic arms, or manual workstations, and are widely used where grounding is impractical or impossible.

The upstream core components of an Nozzle Static Eliminator include titanium, tungsten, silicon electrode needles, plastic and metal housings, etc. Typical suppliers include Mitsuwa Electric, A&D, Moritahari, and Okuda Seishin Factory. Downstream applications are mainly in electronics manufacturing, food, pharmaceuticals, plastics, automotive, printing, and textiles. Typical customers include TSMC, Intel, Micron, SMIC, Yangtze Memory Technologies, Huawei, Foxconn, Xiaomi, BYD, Tesla, CATL, etc.

The single-line capacity of an Nozzle Static Eliminator depends on the product type, the

level of automation of the production line, the company's technological level, and the production model. A single line can achieve an annual capacity of 30,000-60,000 units to meet the rapidly growing demand for electrostatic control equipment in different application fields.

The gross profit margin of a Nozzle Static Eliminator is generally in the range of 35%-45%, with high-performance ion generators having higher gross profit margins due to their higher technological content.

Based on the principle of ionization equilibrium, the Nozzle Static Eliminator precisely neutralizes the static charge accumulated on the surface of a target object by releasing equal amounts of positive and negative ions. It is an indispensable core component for electrostatic discharge (ESD) protection in industrial production and precision manufacturing. It comprehensively covers diverse scenarios such as electronics manufacturing, food and pharmaceuticals, plastics, automotive, printing, and textiles, providing reliable protection against product damage, dust adsorption, and safety hazards caused by static electricity.

The Nozzle Static Eliminator precisely addresses core pain points in modern industrial development with its unique technological advantages: its efficient ion release and rapid neutralization capabilities solve the key problems of ESD-induced breakdown of sensitive components and reduced product yield in precision manufacturing; its customized design for special environments such as cleanrooms bridges the contradiction between ESD protection and environmental requirements in high-end manufacturing scenarios; and its intelligent real-time monitoring and automatic adjustment functions overcome the shortcomings of traditional equipment, such as unstable performance and reliance on manual control. Currently, the global manufacturing industry's transformation towards precision and intelligence is driving a continuous upgrade in the rigid demand for electrostatic discharge (ESD) protection across various industries. The rapid expansion of emerging industries such as new energy and semiconductors, along with the higher requirements for automated production line integration in intelligent manufacturing, collectively constitute the core driving force for industry development, injecting strong momentum into equipment technology iteration and market expansion.

In the future, the Nozzle Static Eliminator industry will unleash vast growth potential through technological innovation and scenario expansion. With the deep integration of IoT and big data technologies, equipment will continue to advance towards intelligence and digitalization, further improving the safety and efficiency of industrial production.

Application scenarios will continue to penetrate from traditional industrial fields to emerging tracks such as new energy vehicles, biomedicine, and flexible electronics. Simultaneously, under the dual opportunities of import substitution in high-end manufacturing and global market expansion, the market boundaries will continue to broaden. As a key foundational equipment ensuring high-end manufacturing quality and industrial production safety, the Nozzle Static Eliminator industry will deeply align with the global industrial upgrading trend, further highlighting its technological value and market potential, making its development prospects promising.

This report is a detailed and comprehensive analysis for global Nozzle Static Eliminators 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 Nozzle Static Eliminators market size and forecasts, in consumption value (\$ Million), sales quantity (K Units), and average selling prices (US\$/Unit), 2021-2032

Global Nozzle Static Eliminators 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 Nozzle Static Eliminators 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 Nozzle Static Eliminators 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 Nozzle Static Eliminators

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 Nozzle Static Eliminators 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 KEYENCE, Simco-Ion, SMC, Panasonic, OMRON, Shishido Electrostatic, Sunje HI-TEK CO.,Ltd, Meech International, KASUGA DENKI, VESSEL, etc.

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

## **Market Segmentation**

Nozzle Static Eliminators 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

DC Type

AC Type

### Market segment by Gas Source

External Air Source Type

Internal Fan Type

### Market segment by Usage

Fixed Type

Handheld Type

#### Market segment by Application

Electronic Information Manufacturing

Food and Pharmaceutical Industry

Plastic Industry

Automobile Industry

Printing Industry

Textile Industry

Others

#### Major players covered

KEYENCE

Simco-Ion

SMC

Panasonic

OMRON

Shishido Electrostatic

Sunje HI-TEK CO.,Ltd

Meech International

KASUGA DENKI

VESSEL

TRINK

VSI

NRD

KOGANEI

HAUG

Fraser

Hamamatsu Photonics

Suzhou TA&A Ultra Clean Technology

Shimadzu

Desco Industries

KESD

ELCOWA

Shanghai Anping Static Technology

EXAIR

Transforming Technologies

Shanghai qipu electrostatic technology

Shanghai SODRON Automatic

Core Insight

Tronovo

Bondline Electronics Ltd

SHENZHEN SENPUM ELECTIRC

Wuxi Yanping Electronic Technology

Shenzhen Horb Technology

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 Nozzle Static Eliminators product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Nozzle Static Eliminators, with price, sales quantity, revenue, and global market share of Nozzle Static Eliminators from 2021 to 2026.

Chapter 3, the Nozzle Static Eliminators competitive situation, sales quantity, revenue, and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Nozzle Static Eliminators 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 Nozzle Static Eliminators 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 Nozzle Static Eliminators.

Chapter 14 and 15, to describe Nozzle Static Eliminators sales channel, distributors, customers, research findings and conclusion.

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