

Global Friction Smoke Generator Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G5A52AADCE46EN.html>

Date: June 2026

Pages: 139

Price: US\$ 4,480.00 (Single User License)

ID: G5A52AADCE46EN

Abstracts

The global Friction Smoke Generator market size is expected to reach \$ 270 million by 2032, rising at a market growth of 3.6% CAGR during the forecast period (2026-2032).

In 2025, global Friction Smoke Generator production reached approximately 7370. The average price is approximately \$28,000. Friction Smoke Generator are specialized equipment used in industrial smoking processes. They generate smoke through mechanical friction between wood (blocks/strips) and high-speed rotating friction wheels or rollers, and then transport the smoke to a smoking chamber or heat treatment system for flavoring, coloring, and preservation of food.

Gross Profit Margin

The gross profit margin of friction smoke generators is generally higher than that of ordinary standardized food machinery accessories, but lower than that of a very small number of highly specialized, ultra-high value-added complete production lines. This is because these products are often not simple sheet metal parts, but rather include friction wheels, wood feeding mechanisms, temperature/pressure control, closed-loop circulation, flue gas cleaning, automatic fire suppression, PLC/HMI control, and engineering integration with the smokehouse. From the official websites of various manufacturers, it can be seen that mainstream companies such as REICH, Schröter, FESSMANN, VETEC, bastra, and Maurer-Atmos sell it as a mid-to-high-end process module, rather than a low-priced standard component. Based on this equipment structure, the industry gross profit margin for a standalone friction smoke generator module is roughly 25%-32%; if packaged with a smokehouse, aging system, exhaust purification, and automatic control, the overall gross profit margin can typically reach 30%-40%; complex projects from high-end European brands may even be higher, while

Chinese manufacturers generally fall within the 18%-30% range. It is important to emphasize that these are industry research estimates, not figures from listed companies' financial reports.

Industry Drivers

The core driving forces of the friction smoke generator industry are primarily food safety and low PAH control. Public research shows that different smoke generation methods significantly affect the PAH content in the final product; in a comparative experiment on Frankfurt sausages, friction smoke had one of the lowest PAH and phenol levels. Codex's PAH control guidelines also clearly state that replacing direct smoking with controlled indirect smoking can significantly reduce contamination risks. Secondly, with the upgrading of meat, fish, cheese, plant-based, and pet food processing, end-user factories have a continuously increasing demand for repeatable, programmable, easy-to-clean smoking processes suitable for multi-shift production. Thirdly, mainstream manufacturers are generally promoting closed-loop systems, automatic fire suppression, remote maintenance, low emissions, and energy-saving controls, making the friction smoke generation route more competitive in high-end natural wood smoke scenarios. Finally, the global meat processing equipment market itself is still growing.

This report studies the global Friction Smoke Generator production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Friction Smoke Generator 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 Friction Smoke Generator that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Friction Smoke Generator total production and demand, 2021-2032, (K Units)

Global Friction Smoke Generator total production value, 2021-2032, (USD Million)

Global Friction Smoke Generator production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Friction Smoke Generator consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Friction Smoke Generator domestic production, consumption, key domestic manufacturers and share

Global Friction Smoke Generator production by manufacturer, production, price, value

and market share 2021-2026, (USD Million) & (K Units)

Global Friction Smoke Generator production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Friction Smoke Generator production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Friction Smoke Generator 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 REICH FoodSystems, Schröter Technologie, FESSMANN, VETEC Anlagenbau, Maurer-Atmos Middleby, bastra, KERRES, Mauting, GERMOS NESS, Sorgo Anlagenbau, 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 Friction Smoke Generator market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (USD/Unit) by manufacturer, by Type, 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 Friction Smoke Generator Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Friction Smoke Generator Market, Segmentation by Type:

Electric Friction Smoke Generator

Pneumatic Friction Smoke Generator

Others

Global Friction Smoke Generator Market, Segmentation by Application Temperature:

Cold-Smoking Friction Smoke Generator

Hot-Smoking Friction Smoke Generator

Others

Global Friction Smoke Generator Market, Segmentation by Installation Method:

Built-in

External

Global Friction Smoke Generator Market, Segmentation by Application:

Food Processing Industry

Scientific Research and Testing

Fire Protection and Security

Others

Companies Profiled:

REICH FoodSystems

Schröter Technologie

FESSMANN

VETEC Anlagenbau

Maurer-Atmos Middleby

bastra

KERRES

Mauting

GERMOS NESS

Sorgo Anlagenbau

Emerson Technik

LEFA GmbH

BERTSCHlaska

BMSERVICE

Zhejiang Ribon Intelligent Equipment

CHUANG MEI Industrial

Carrion Co., Ltd.

Key Questions Answered:

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

Contents

1 SUPPLY SUMMARY

- 1.1 Friction Smoke Generator Introduction
- 1.2 World Friction Smoke Generator Supply & Forecast
 - 1.2.1 World Friction Smoke Generator Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Friction Smoke Generator Production (2021-2032)
 - 1.2.3 World Friction Smoke Generator Pricing Trends (2021-2032)
- 1.3 World Friction Smoke Generator Production by Region (Based on Production Site)
 - 1.3.1 World Friction Smoke Generator Production Value by Region (2021-2032)
 - 1.3.2 World Friction Smoke Generator Production by Region (2021-2032)
 - 1.3.3 World Friction Smoke Generator Average Price by Region (2021-2032)
 - 1.3.4 North America Friction Smoke Generator Production (2021-2032)
 - 1.3.5 Europe Friction Smoke Generator Production (2021-2032)
 - 1.3.6 China Friction Smoke Generator Production (2021-2032)
 - 1.3.7 Japan Friction Smoke Generator Production (2021-2032)
 - 1.3.8 South Asia Friction Smoke Generator Production (2021-2032)
 - 1.3.9 India Friction Smoke Generator Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Friction Smoke Generator Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Friction Smoke Generator Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Friction Smoke Generator Demand (2021-2032)
- 2.2 World Friction Smoke Generator Consumption by Region
 - 2.2.1 World Friction Smoke Generator Consumption by Region (2021-2026)
 - 2.2.2 World Friction Smoke Generator Consumption Forecast by Region (2027-2032)
- 2.3 United States Friction Smoke Generator Consumption (2021-2032)
- 2.4 China Friction Smoke Generator Consumption (2021-2032)
- 2.5 Europe Friction Smoke Generator Consumption (2021-2032)
- 2.6 Japan Friction Smoke Generator Consumption (2021-2032)
- 2.7 South Korea Friction Smoke Generator Consumption (2021-2032)
- 2.8 ASEAN Friction Smoke Generator Consumption (2021-2032)
- 2.9 India Friction Smoke Generator Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Friction Smoke Generator Production Value by Manufacturer (2021-2026)
- 3.2 World Friction Smoke Generator Production by Manufacturer (2021-2026)
- 3.3 World Friction Smoke Generator Average Price by Manufacturer (2021-2026)
- 3.4 Friction Smoke Generator Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Friction Smoke Generator Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Friction Smoke Generator in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Friction Smoke Generator in 2025
- 3.6 Friction Smoke Generator Market: Overall Company Footprint Analysis
 - 3.6.1 Friction Smoke Generator Market: Region Footprint
 - 3.6.2 Friction Smoke Generator Market: Company Product Type Footprint
 - 3.6.3 Friction Smoke Generator Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Friction Smoke Generator Production Value Comparison
 - 4.1.1 United States VS China: Friction Smoke Generator Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: Friction Smoke Generator Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Friction Smoke Generator Production Comparison
 - 4.2.1 United States VS China: Friction Smoke Generator Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Friction Smoke Generator Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Friction Smoke Generator Consumption Comparison
 - 4.3.1 United States VS China: Friction Smoke Generator Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: Friction Smoke Generator Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based Friction Smoke Generator Manufacturers and Market Share, 2021-2026

4.4.1 United States Based Friction Smoke Generator Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Friction Smoke Generator Production Value (2021-2026)

4.4.3 United States Based Manufacturers Friction Smoke Generator Production (2021-2026)

4.5 China Based Friction Smoke Generator Manufacturers and Market Share

4.5.1 China Based Friction Smoke Generator Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Friction Smoke Generator Production Value (2021-2026)

4.5.3 China Based Manufacturers Friction Smoke Generator Production (2021-2026)

4.6 Rest of World Based Friction Smoke Generator Manufacturers and Market Share, 2021-2026

4.6.1 Rest of World Based Friction Smoke Generator Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Friction Smoke Generator Production Value (2021-2026)

4.6.3 Rest of World Based Manufacturers Friction Smoke Generator Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World Friction Smoke Generator Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Electric Friction Smoke Generator

5.2.2 Pneumatic Friction Smoke Generator

5.2.3 Others

5.3 Market Segment by Type

5.3.1 World Friction Smoke Generator Production by Type (2021-2032)

5.3.2 World Friction Smoke Generator Production Value by Type (2021-2032)

5.3.3 World Friction Smoke Generator Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY APPLICATION TEMPERATURE

6.1 World Friction Smoke Generator Market Size Overview by Application Temperature: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Application Temperature

6.2.1 Cold-Smoking Friction Smoke Generator

6.2.2 Hot-Smoking Friction Smoke Generator

6.2.3 Others

6.3 Market Segment by Application Temperature

6.3.1 World Friction Smoke Generator Production by Application Temperature
(2021-2032)

6.3.2 World Friction Smoke Generator Production Value by Application Temperature
(2021-2032)

6.3.3 World Friction Smoke Generator Average Price by Application Temperature
(2021-2032)

7 MARKET ANALYSIS BY INSTALLATION METHOD

7.1 World Friction Smoke Generator Market Size Overview by Installation Method: 2021
VS 2025 VS 2032

7.2 Segment Introduction by Installation Method

7.2.1 Built-in

7.2.2 External

7.3 Market Segment by Installation Method

7.3.1 World Friction Smoke Generator Production by Installation Method (2021-2032)

7.3.2 World Friction Smoke Generator Production Value by Installation Method
(2021-2032)

7.3.3 World Friction Smoke Generator Average Price by Installation Method
(2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Friction Smoke Generator Market Size Overview by Application: 2021 VS
2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Food Processing Industry

8.2.2 Scientific Research and Testing

8.2.3 Fire Protection and Security

8.2.4 Others

8.3 Market Segment by Application

8.3.1 World Friction Smoke Generator Production by Application (2021-2032)

8.3.2 World Friction Smoke Generator Production Value by Application (2021-2032)

8.3.3 World Friction Smoke Generator Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 REICH FoodSystems

9.1.1 REICH FoodSystems Details

9.1.2 REICH FoodSystems Major Business

9.1.3 REICH FoodSystems Friction Smoke Generator Product and Services

9.1.4 REICH FoodSystems Friction Smoke Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 REICH FoodSystems Recent Developments/Updates

9.1.6 REICH FoodSystems Competitive Strengths & Weaknesses

9.2 Schr?ter Technologie

9.2.1 Schr?ter Technologie Details

9.2.2 Schr?ter Technologie Major Business

9.2.3 Schr?ter Technologie Friction Smoke Generator Product and Services

9.2.4 Schr?ter Technologie Friction Smoke Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 Schr?ter Technologie Recent Developments/Updates

9.2.6 Schr?ter Technologie Competitive Strengths & Weaknesses

9.3 FESSMANN

9.3.1 FESSMANN Details

9.3.2 FESSMANN Major Business

9.3.3 FESSMANN Friction Smoke Generator Product and Services

9.3.4 FESSMANN Friction Smoke Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 FESSMANN Recent Developments/Updates

9.3.6 FESSMANN Competitive Strengths & Weaknesses

9.4 VETEC Anlagenbau

9.4.1 VETEC Anlagenbau Details

9.4.2 VETEC Anlagenbau Major Business

9.4.3 VETEC Anlagenbau Friction Smoke Generator Product and Services

9.4.4 VETEC Anlagenbau Friction Smoke Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 VETEC Anlagenbau Recent Developments/Updates

9.4.6 VETEC Anlagenbau Competitive Strengths & Weaknesses

9.5 Maurer-Atmos Middleby

9.5.1 Maurer-Atmos Middleby Details

9.5.2 Maurer-Atmos Middleby Major Business

9.5.3 Maurer-Atmos Middleby Friction Smoke Generator Product and Services

9.5.4 Maurer-Atmos Middleby Friction Smoke Generator Production, Price, Value,

Gross Margin and Market Share (2021-2026)

9.5.5 Maurer-Atmos Middleby Recent Developments/Updates

9.5.6 Maurer-Atmos Middleby Competitive Strengths & Weaknesses

9.6 bastra

9.6.1 bastra Details

9.6.2 bastra Major Business

9.6.3 bastra Friction Smoke Generator Product and Services

9.6.4 bastra Friction Smoke Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 bastra Recent Developments/Updates

9.6.6 bastra Competitive Strengths & Weaknesses

9.7 KERRES

9.7.1 KERRES Details

9.7.2 KERRES Major Business

9.7.3 KERRES Friction Smoke Generator Product and Services

9.7.4 KERRES Friction Smoke Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.7.5 KERRES Recent Developments/Updates

9.7.6 KERRES Competitive Strengths & Weaknesses

9.8 Mauting

9.8.1 Mauting Details

9.8.2 Mauting Major Business

9.8.3 Mauting Friction Smoke Generator Product and Services

9.8.4 Mauting Friction Smoke Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.8.5 Mauting Recent Developments/Updates

9.8.6 Mauting Competitive Strengths & Weaknesses

9.9 GERMOS NESS

9.9.1 GERMOS NESS Details

9.9.2 GERMOS NESS Major Business

9.9.3 GERMOS NESS Friction Smoke Generator Product and Services

9.9.4 GERMOS NESS Friction Smoke Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.9.5 GERMOS NESS Recent Developments/Updates

9.9.6 GERMOS NESS Competitive Strengths & Weaknesses

9.10 Sorgo Anlagenbau

9.10.1 Sorgo Anlagenbau Details

9.10.2 Sorgo Anlagenbau Major Business

9.10.3 Sorgo Anlagenbau Friction Smoke Generator Product and Services

- 9.10.4 Sorgo Anlagenbau Friction Smoke Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.10.5 Sorgo Anlagenbau Recent Developments/Updates
- 9.10.6 Sorgo Anlagenbau Competitive Strengths & Weaknesses
- 9.11 Emerson Technik
 - 9.11.1 Emerson Technik Details
 - 9.11.2 Emerson Technik Major Business
 - 9.11.3 Emerson Technik Friction Smoke Generator Product and Services
 - 9.11.4 Emerson Technik Friction Smoke Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.11.5 Emerson Technik Recent Developments/Updates
 - 9.11.6 Emerson Technik Competitive Strengths & Weaknesses
- 9.12 LEFA GmbH
 - 9.12.1 LEFA GmbH Details
 - 9.12.2 LEFA GmbH Major Business
 - 9.12.3 LEFA GmbH Friction Smoke Generator Product and Services
 - 9.12.4 LEFA GmbH Friction Smoke Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.12.5 LEFA GmbH Recent Developments/Updates
 - 9.12.6 LEFA GmbH Competitive Strengths & Weaknesses
- 9.13 BERTSCHlaska
 - 9.13.1 BERTSCHlaska Details
 - 9.13.2 BERTSCHlaska Major Business
 - 9.13.3 BERTSCHlaska Friction Smoke Generator Product and Services
 - 9.13.4 BERTSCHlaska Friction Smoke Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.13.5 BERTSCHlaska Recent Developments/Updates
 - 9.13.6 BERTSCHlaska Competitive Strengths & Weaknesses
- 9.14 BMSERVICE
 - 9.14.1 BMSERVICE Details
 - 9.14.2 BMSERVICE Major Business
 - 9.14.3 BMSERVICE Friction Smoke Generator Product and Services
 - 9.14.4 BMSERVICE Friction Smoke Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.14.5 BMSERVICE Recent Developments/Updates
 - 9.14.6 BMSERVICE Competitive Strengths & Weaknesses
- 9.15 Zhejiang Ribon Intelligent Equipment
 - 9.15.1 Zhejiang Ribon Intelligent Equipment Details
 - 9.15.2 Zhejiang Ribon Intelligent Equipment Major Business

9.15.3 Zhejiang Ribon Intelligent Equipment Friction Smoke Generator Product and Services

9.15.4 Zhejiang Ribon Intelligent Equipment Friction Smoke Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.15.5 Zhejiang Ribon Intelligent Equipment Recent Developments/Updates

9.15.6 Zhejiang Ribon Intelligent Equipment Competitive Strengths & Weaknesses

9.16 CHUANG MEI Industrial

9.16.1 CHUANG MEI Industrial Details

9.16.2 CHUANG MEI Industrial Major Business

9.16.3 CHUANG MEI Industrial Friction Smoke Generator Product and Services

9.16.4 CHUANG MEI Industrial Friction Smoke Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.16.5 CHUANG MEI Industrial Recent Developments/Updates

9.16.6 CHUANG MEI Industrial Competitive Strengths & Weaknesses

9.17 Carrion Co., Ltd.

9.17.1 Carrion Co., Ltd. Details

9.17.2 Carrion Co., Ltd. Major Business

9.17.3 Carrion Co., Ltd. Friction Smoke Generator Product and Services

9.17.4 Carrion Co., Ltd. Friction Smoke Generator Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.17.5 Carrion Co., Ltd. Recent Developments/Updates

9.17.6 Carrion Co., Ltd. Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

10.1 Friction Smoke Generator Industry Chain

10.2 Friction Smoke Generator Upstream Analysis

10.2.1 Friction Smoke Generator Core Raw Materials

10.2.2 Main Manufacturers of Friction Smoke Generator Core Raw Materials

10.3 Midstream Analysis

10.4 Downstream Analysis

10.5 Friction Smoke Generator Production Mode

10.6 Friction Smoke Generator Procurement Model

10.7 Friction Smoke Generator Industry Sales Model and Sales Channels

10.7.1 Friction Smoke Generator Sales Model

10.7.2 Friction Smoke Generator Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

12.1 Methodology

12.2 Research Process and Data Source

12.3 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1. World Friction Smoke Generator Production Value by Region (2021, 2025 and 2032) & (USD Million)
- Table 2. World Friction Smoke Generator Production Value by Region (2021-2026) & (USD Million)
- Table 3. World Friction Smoke Generator Production Value by Region (2027-2032) & (USD Million)
- Table 4. World Friction Smoke Generator Production Value Market Share by Region (2021-2026)
- Table 5. World Friction Smoke Generator Production Value Market Share by Region (2027-2032)
- Table 6. World Friction Smoke Generator Production by Region (2021-2026) & (K Units)
- Table 7. World Friction Smoke Generator Production by Region (2027-2032) & (K Units)
- Table 8. World Friction Smoke Generator Production Market Share by Region (2021-2026)
- Table 9. World Friction Smoke Generator Production Market Share by Region (2027-2032)
- Table 10. World Friction Smoke Generator Average Price by Region (2021-2026) & (USD/Unit)
- Table 11. World Friction Smoke Generator Average Price by Region (2027-2032) & (USD/Unit)
- Table 12. Friction Smoke Generator Major Market Trends
- Table 13. World Friction Smoke Generator Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)
- Table 14. World Friction Smoke Generator Consumption by Region (2021-2026) & (K Units)
- Table 15. World Friction Smoke Generator Consumption Forecast by Region (2027-2032) & (K Units)
- Table 16. World Friction Smoke Generator Production Value by Manufacturer (2021-2026) & (USD Million)
- Table 17. Production Value Market Share of Key Friction Smoke Generator Producers in 2025
- Table 18. World Friction Smoke Generator Production by Manufacturer (2021-2026) & (K Units)
- Table 19. Production Market Share of Key Friction Smoke Generator Producers in 2025
- Table 20. World Friction Smoke Generator Average Price by Manufacturer (2021-2026)

& (USD/Unit)

Table 21. Global Friction Smoke Generator Company Evaluation Quadrant

Table 22. World Friction Smoke Generator Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Friction Smoke Generator Production Site of Key Manufacturer

Table 24. Friction Smoke Generator Market: Company Product Type Footprint

Table 25. Friction Smoke Generator Market: Company Product Application Footprint

Table 26. Friction Smoke Generator Competitive Factors

Table 27. Friction Smoke Generator New Entrant and Capacity Expansion Plans

Table 28. Friction Smoke Generator Mergers & Acquisitions Activity

Table 29. United States VS China Friction Smoke Generator Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Friction Smoke Generator Production Comparison, (2021 & 2025 & 2032) & (K Units)

Table 31. United States VS China Friction Smoke Generator Consumption Comparison, (2021 & 2025 & 2032) & (K Units)

Table 32. United States Based Friction Smoke Generator Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Friction Smoke Generator Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Friction Smoke Generator Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Friction Smoke Generator Production (2021-2026) & (K Units)

Table 36. United States Based Manufacturers Friction Smoke Generator Production Market Share (2021-2026)

Table 37. China Based Friction Smoke Generator Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Friction Smoke Generator Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Friction Smoke Generator Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Friction Smoke Generator Production, (2021-2026) & (K Units)

Table 41. China Based Manufacturers Friction Smoke Generator Production Market Share (2021-2026)

Table 42. Rest of World Based Friction Smoke Generator Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Friction Smoke Generator Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Friction Smoke Generator Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Friction Smoke Generator Production, (2021-2026) & (K Units)

Table 46. Rest of World Based Manufacturers Friction Smoke Generator Production Market Share (2021-2026)

Table 47. World Friction Smoke Generator Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Friction Smoke Generator Production by Type (2021-2026) & (K Units)

Table 49. World Friction Smoke Generator Production by Type (2027-2032) & (K Units)

Table 50. World Friction Smoke Generator Production Value by Type (2021-2026) & (USD Million)

Table 51. World Friction Smoke Generator Production Value by Type (2027-2032) & (USD Million)

Table 52. World Friction Smoke Generator Average Price by Type (2021-2026) & (USD/Unit)

Table 53. World Friction Smoke Generator Average Price by Type (2027-2032) & (USD/Unit)

Table 54. World Friction Smoke Generator Production Value by Application Temperature, (USD Million), 2021 & 2025 & 2032

Table 55. World Friction Smoke Generator Production by Application Temperature (2021-2026) & (K Units)

Table 56. World Friction Smoke Generator Production by Application Temperature (2027-2032) & (K Units)

Table 57. World Friction Smoke Generator Production Value by Application Temperature (2021-2026) & (USD Million)

Table 58. World Friction Smoke Generator Production Value by Application Temperature (2027-2032) & (USD Million)

Table 59. World Friction Smoke Generator Average Price by Application Temperature (2021-2026) & (USD/Unit)

Table 60. World Friction Smoke Generator Average Price by Application Temperature (2027-2032) & (USD/Unit)

Table 61. World Friction Smoke Generator Production Value by Installation Method, (USD Million), 2021 & 2025 & 2032

Table 62. World Friction Smoke Generator Production by Installation Method (2021-2026) & (K Units)

Table 63. World Friction Smoke Generator Production by Installation Method

(2027-2032) & (K Units)

Table 64. World Friction Smoke Generator Production Value by Installation Method (2021-2026) & (USD Million)

Table 65. World Friction Smoke Generator Production Value by Installation Method (2027-2032) & (USD Million)

Table 66. World Friction Smoke Generator Average Price by Installation Method (2021-2026) & (USD/Unit)

Table 67. World Friction Smoke Generator Average Price by Installation Method (2027-2032) & (USD/Unit)

Table 68. World Friction Smoke Generator Production Value by Application, (USD Million), 2021 & 2025 & 2032

Table 69. World Friction Smoke Generator Production by Application (2021-2026) & (K Units)

Table 70. World Friction Smoke Generator Production by Application (2027-2032) & (K Units)

Table 71. World Friction Smoke Generator Production Value by Application (2021-2026) & (USD Million)

Table 72. World Friction Smoke Generator Production Value by Application (2027-2032) & (USD Million)

Table 73. World Friction Smoke Generator Average Price by Application (2021-2026) & (USD/Unit)

Table 74. World Friction Smoke Generator Average Price by Application (2027-2032) & (USD/Unit)

Table 75. REICH FoodSystems Basic Information, Manufacturing Base and Competitors

Table 76. REICH FoodSystems Major Business

Table 77. REICH FoodSystems Friction Smoke Generator Product and Services

Table 78. REICH FoodSystems Friction Smoke Generator Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. REICH FoodSystems Recent Developments/Updates

Table 80. REICH FoodSystems Competitive Strengths & Weaknesses

Table 81. Schr?ter Technologie Basic Information, Manufacturing Base and Competitors

Table 82. Schr?ter Technologie Major Business

Table 83. Schr?ter Technologie Friction Smoke Generator Product and Services

Table 84. Schr?ter Technologie Friction Smoke Generator Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Schr?ter Technologie Recent Developments/Updates
Table 86. Schr?ter Technologie Competitive Strengths & Weaknesses
Table 87. FESSMANN Basic Information, Manufacturing Base and Competitors
Table 88. FESSMANN Major Business
Table 89. FESSMANN Friction Smoke Generator Product and Services
Table 90. FESSMANN Friction Smoke Generator Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 91. FESSMANN Recent Developments/Updates
Table 92. FESSMANN Competitive Strengths & Weaknesses
Table 93. VETEC Anlagenbau Basic Information, Manufacturing Base and Competitors
Table 94. VETEC Anlagenbau Major Business
Table 95. VETEC Anlagenbau Friction Smoke Generator Product and Services
Table 96. VETEC Anlagenbau Friction Smoke Generator Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 97. VETEC Anlagenbau Recent Developments/Updates
Table 98. VETEC Anlagenbau Competitive Strengths & Weaknesses
Table 99. Maurer-Atmos Middleby Basic Information, Manufacturing Base and Competitors
Table 100. Maurer-Atmos Middleby Major Business
Table 101. Maurer-Atmos Middleby Friction Smoke Generator Product and Services
Table 102. Maurer-Atmos Middleby Friction Smoke Generator Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 103. Maurer-Atmos Middleby Recent Developments/Updates
Table 104. Maurer-Atmos Middleby Competitive Strengths & Weaknesses
Table 105. bastra Basic Information, Manufacturing Base and Competitors
Table 106. bastra Major Business
Table 107. bastra Friction Smoke Generator Product and Services
Table 108. bastra Friction Smoke Generator Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 109. bastra Recent Developments/Updates
Table 110. bastra Competitive Strengths & Weaknesses
Table 111. KERRES Basic Information, Manufacturing Base and Competitors
Table 112. KERRES Major Business
Table 113. KERRES Friction Smoke Generator Product and Services
Table 114. KERRES Friction Smoke Generator Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 115. KERRES Recent Developments/Updates
Table 116. KERRES Competitive Strengths & Weaknesses
Table 117. Mauting Basic Information, Manufacturing Base and Competitors
Table 118. Mauting Major Business
Table 119. Mauting Friction Smoke Generator Product and Services
Table 120. Mauting Friction Smoke Generator Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 121. Mauting Recent Developments/Updates
Table 122. Mauting Competitive Strengths & Weaknesses
Table 123. GERMOS NESS Basic Information, Manufacturing Base and Competitors
Table 124. GERMOS NESS Major Business
Table 125. GERMOS NESS Friction Smoke Generator Product and Services
Table 126. GERMOS NESS Friction Smoke Generator Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 127. GERMOS NESS Recent Developments/Updates
Table 128. GERMOS NESS Competitive Strengths & Weaknesses
Table 129. Sörgo Anlagenbau Basic Information, Manufacturing Base and Competitors
Table 130. Sörgo Anlagenbau Major Business
Table 131. Sörgo Anlagenbau Friction Smoke Generator Product and Services
Table 132. Sörgo Anlagenbau Friction Smoke Generator Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 133. Sörgo Anlagenbau Recent Developments/Updates
Table 134. Sörgo Anlagenbau Competitive Strengths & Weaknesses
Table 135. Emerson Technik Basic Information, Manufacturing Base and Competitors
Table 136. Emerson Technik Major Business
Table 137. Emerson Technik Friction Smoke Generator Product and Services
Table 138. Emerson Technik Friction Smoke Generator Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 139. Emerson Technik Recent Developments/Updates
Table 140. Emerson Technik Competitive Strengths & Weaknesses
Table 141. LEFA GmbH Basic Information, Manufacturing Base and Competitors
Table 142. LEFA GmbH Major Business
Table 143. LEFA GmbH Friction Smoke Generator Product and Services
Table 144. LEFA GmbH Friction Smoke Generator Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 145. LEFA GmbH Recent Developments/Updates
Table 146. LEFA GmbH Competitive Strengths & Weaknesses
Table 147. BERTSCHlaska Basic Information, Manufacturing Base and Competitors
Table 148. BERTSCHlaska Major Business
Table 149. BERTSCHlaska Friction Smoke Generator Product and Services
Table 150. BERTSCHlaska Friction Smoke Generator Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 151. BERTSCHlaska Recent Developments/Updates
Table 152. BERTSCHlaska Competitive Strengths & Weaknesses
Table 153. BMSERVICE Basic Information, Manufacturing Base and Competitors
Table 154. BMSERVICE Major Business
Table 155. BMSERVICE Friction Smoke Generator Product and Services
Table 156. BMSERVICE Friction Smoke Generator Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 157. BMSERVICE Recent Developments/Updates
Table 158. BMSERVICE Competitive Strengths & Weaknesses
Table 159. Zhejiang Ribon Intelligent Equipment Basic Information, Manufacturing Base and Competitors
Table 160. Zhejiang Ribon Intelligent Equipment Major Business
Table 161. Zhejiang Ribon Intelligent Equipment Friction Smoke Generator Product and Services
Table 162. Zhejiang Ribon Intelligent Equipment Friction Smoke Generator Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 163. Zhejiang Ribon Intelligent Equipment Recent Developments/Updates
Table 164. Zhejiang Ribon Intelligent Equipment Competitive Strengths & Weaknesses
Table 165. CHUANG MEI Industrial Basic Information, Manufacturing Base and Competitors
Table 166. CHUANG MEI Industrial Major Business
Table 167. CHUANG MEI Industrial Friction Smoke Generator Product and Services
Table 168. CHUANG MEI Industrial Friction Smoke Generator Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
Table 169. CHUANG MEI Industrial Recent Developments/Updates
Table 170. CHUANG MEI Industrial Competitive Strengths & Weaknesses
Table 171. Carrion Co., Ltd. Basic Information, Manufacturing Base and Competitors
Table 172. Carrion Co., Ltd. Major Business

Table 173. Carrion Co., Ltd. Friction Smoke Generator Product and Services

Table 174. Carrion Co., Ltd. Friction Smoke Generator Production (K Units), Price (USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 175. Carrion Co., Ltd. Recent Developments/Updates

Table 176. Carrion Co., Ltd. Competitive Strengths & Weaknesses

Table 177. Global Key Players of Friction Smoke Generator Upstream (Raw Materials)

Table 178. Global Friction Smoke Generator Typical Customers

Table 179. Friction Smoke Generator Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Friction Smoke Generator Picture

Figure 2. World Friction Smoke Generator Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Friction Smoke Generator Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Friction Smoke Generator Production (2021-2032) & (K Units)

Figure 5. World Friction Smoke Generator Average Price (2021-2032) & (USD/Unit)

Figure 6. World Friction Smoke Generator Production Value Market Share by Region (2021-2032)

Figure 7. World Friction Smoke Generator Production Market Share by Region (2021-2032)

Figure 8. North America Friction Smoke Generator Production (2021-2032) & (K Units)

Figure 9. Europe Friction Smoke Generator Production (2021-2032) & (K Units)

Figure 10. China Friction Smoke Generator Production (2021-2032) & (K Units)

Figure 11. Japan Friction Smoke Generator Production (2021-2032) & (K Units)

Figure 12. South Asia Friction Smoke Generator Production (2021-2032) & (K Units)

Figure 13. India Friction Smoke Generator Production (2021-2032) & (K Units)

Figure 14. Friction Smoke Generator Market Drivers

Figure 15. Factors Affecting Demand

Figure 16. World Friction Smoke Generator Consumption (2021-2032) & (K Units)

Figure 17. World Friction Smoke Generator Consumption Market Share by Region (2021-2032)

Figure 18. United States Friction Smoke Generator Consumption (2021-2032) & (K Units)

Figure 19. China Friction Smoke Generator Consumption (2021-2032) & (K Units)

Figure 20. Europe Friction Smoke Generator Consumption (2021-2032) & (K Units)

Figure 21. Japan Friction Smoke Generator Consumption (2021-2032) & (K Units)

Figure 22. South Korea Friction Smoke Generator Consumption (2021-2032) & (K Units)

Figure 23. ASEAN Friction Smoke Generator Consumption (2021-2032) & (K Units)

Figure 24. India Friction Smoke Generator Consumption (2021-2032) & (K Units)

Figure 25. Producer Shipments of Friction Smoke Generator by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 26. Global Four-firm Concentration Ratios (CR4) for Friction Smoke Generator Markets in 2025

Figure 27. Global Four-firm Concentration Ratios (CR8) for Friction Smoke Generator Markets in 2025

Figure 28. United States VS China: Friction Smoke Generator Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 29. United States VS China: Friction Smoke Generator Production Market Share Comparison (2021 & 2025 & 2032)

Figure 30. United States VS China: Friction Smoke Generator Consumption Market Share Comparison (2021 & 2025 & 2032)

Figure 31. United States Based Manufacturers Friction Smoke Generator Production Market Share 2025

Figure 32. China Based Manufacturers Friction Smoke Generator Production Market Share 2025

Figure 33. Rest of World Based Manufacturers Friction Smoke Generator Production Market Share 2025

Figure 34. World Friction Smoke Generator Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 35. World Friction Smoke Generator Production Value Market Share by Type in 2025

Figure 36. Electric Friction Smoke Generator

Figure 37. Pneumatic Friction Smoke Generator

Figure 38. Others

Figure 39. World Friction Smoke Generator Production Market Share by Type (2021-2032)

Figure 40. World Friction Smoke Generator Production Value Market Share by Type (2021-2032)

Figure 41. World Friction Smoke Generator Average Price by Type (2021-2032) & (USD/Unit)

Figure 42. World Friction Smoke Generator Production Value by Application Temperature, (USD Million), 2021 & 2025 & 2032

Figure 43. World Friction Smoke Generator Production Value Market Share by Application Temperature in 2025

Figure 44. Cold-Smoking Friction Smoke Generator

Figure 45. Hot-Smoking Friction Smoke Generator

Figure 46. Others

Figure 47. World Friction Smoke Generator Production Market Share by Application Temperature (2021-2032)

Figure 48. World Friction Smoke Generator Production Value Market Share by Application Temperature (2021-2032)

Figure 49. World Friction Smoke Generator Average Price by Application Temperature

(2021-2032) & (USD/Unit)

Figure 50. World Friction Smoke Generator Production Value by Installation Method, (USD Million), 2021 & 2025 & 2032

Figure 51. World Friction Smoke Generator Production Value Market Share by Installation Method in 2025

Figure 52. Built-in

Figure 53. External

Figure 54. World Friction Smoke Generator Production Market Share by Installation Method (2021-2032)

Figure 55. World Friction Smoke Generator Production Value Market Share by Installation Method (2021-2032)

Figure 56. World Friction Smoke Generator Average Price by Installation Method (2021-2032) & (USD/Unit)

Figure 57. World Friction Smoke Generator Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 58. World Friction Smoke Generator Production Value Market Share by Application in 2025

Figure 59. Food Processing Industry

Figure 60. Scientific Research and Testing

Figure 61. Fire Protection and Security

Figure 62. Others

Figure 63. World Friction Smoke Generator Production Market Share by Application (2021-2032)

Figure 64. World Friction Smoke Generator Production Value Market Share by Application (2021-2032)

Figure 65. World Friction Smoke Generator Average Price by Application (2021-2032) & (USD/Unit)

Figure 66. Friction Smoke Generator Industry Chain

Figure 67. Friction Smoke Generator Procurement Model

Figure 68. Friction Smoke Generator Sales Model

Figure 69. Friction Smoke Generator Sales Channels, Direct Sales, and Distribution

Figure 70. Methodology

Figure 71. Research Process and Data Source

I would like to order

Product name: Global Friction Smoke Generator Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G5A52AADCE46EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

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

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G5A52AADCE46EN.html>