

Global Monitoring Systems for Tunnel Ventilation Competitive Landscape Professional Research Report 2025

<https://marketpublishers.com/r/M434B6CCE7ABEN.html>

Date: June 2025

Pages: 165

Price: US\$ 3,500.00 (Single User License)

ID: M434B6CCE7ABEN

Abstracts

Market Overview

According to DIResearch's in-depth investigation and research, the global Monitoring Systems for Tunnel Ventilation market size will reach 60.35 Million USD in 2025 and is projected to reach 83.07 Million USD by 2032, with a CAGR of 4.67% (2025-2032). Notably, the China Monitoring Systems for Tunnel Ventilation market has changed rapidly in the past few years. By 2025, China's market size is expected to be Million USD, representing approximately % of the global market share.

Research Summary

Monitoring systems for tunnel ventilation are specialized systems designed to ensure the safe and efficient operation of ventilation systems in tunnels. These systems utilize a combination of sensors, data acquisition devices, and control software to continuously monitor various parameters related to air quality, temperature, air velocity, smoke, and gas levels within the tunnel environment. The monitoring systems collect real-time data from sensors strategically placed throughout the tunnel and relay this information to a centralized control center. This allows operators to closely monitor the ventilation conditions and make necessary adjustments to ensure the optimal flow of fresh air, remove pollutants, and control smoke in case of a fire event. Monitoring systems for tunnel ventilation enhance safety by providing early detection of potential hazards, facilitating prompt response and evacuation procedures, and ensuring compliance with safety regulations.

The major global manufacturers of Monitoring Systems for Tunnel Ventilation include

Siemens, ABB, Honeywell, Conspec, CODEL, PBE, OPSIS, Sick, etc. The global players competition landscape in this report is divided into three tiers. The first tier comprises global leading enterprises that command a substantial market share, hold a dominant industry position, possess strong competitiveness and influence, and generate significant revenue. The second tier includes companies with a notable market presence and reputation; these firms actively follow industry leaders in product, service, or technological innovation and maintain a moderate revenue scale. The third tier consists of smaller companies with limited market share and lower brand recognition, primarily focused on local markets and generating comparatively lower revenue.

This report studies the market size, price trends and future development prospects of Monitoring Systems for Tunnel Ventilation. Focus on analysing the market share, product portfolio, prices, sales, revenue and gross profit margin of global major manufacturers, as well as the market status and trends of different product types and applications in the global Monitoring Systems for Tunnel Ventilation market. The report data covers historical data from 2020 to 2024, based year in 2025 and forecast data from 2026 to 2032.

The regions and countries in the report include North America, Europe, China, APAC (excl. China), Latin America and Middle East and Africa, covering the Monitoring Systems for Tunnel Ventilation market conditions and future development trends of key regions and countries, combined with industry-related policies and the latest technological developments, analyze the development characteristics of Monitoring Systems for Tunnel Ventilation industries in various regions and countries, help companies understand the development characteristics of each region, help companies formulate business strategies, and achieve the ultimate goal of the company's global development strategy.

The data sources of this report mainly include the National Bureau of Statistics, customs databases, industry associations, corporate financial reports, third-party databases, etc. Among them, macroeconomic data mainly comes from the National Bureau of Statistics, International Economic Research Organization; industry statistical data mainly come from industry associations; company data mainly comes from interviews, public information collection, third-party reliable databases, and price data mainly comes from various markets monitoring database.

Global Key Manufacturers of Monitoring Systems for Tunnel Ventilation Include:

Siemens

ABB

Honeywell

Conspec

CODEL

PBE

OP SIS

Sick

Monitoring Systems for Tunnel Ventilation Product Segment Include:

Multipoint

Detached

Monitoring Systems for Tunnel Ventilation Product Application Include:

Highway Tunnels

Railway Tunnels

Subway Tunnels

Other Tunnels

Chapter Scope

Chapter 1: Product Research Range, Product Types and Applications, Market Overview, Market Situation and Trends

Chapter 2: Global Monitoring Systems for Tunnel Ventilation Industry PESTEL Analysis

Chapter 3: Global Monitoring Systems for Tunnel Ventilation Industry Porter's Five Forces Analysis

Chapter 4: Global Monitoring Systems for Tunnel Ventilation Major Regional Market Size (Revenue, Sales, Price) and Forecast Analysis

Chapter 5: Global Monitoring Systems for Tunnel Ventilation Market Size and Forecast by Type and Application Analysis

Chapter 6: North America Monitoring Systems for Tunnel Ventilation Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 7: Europe Monitoring Systems for Tunnel Ventilation Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 8: China Monitoring Systems for Tunnel Ventilation Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 9: APAC (Excl. China) Monitoring Systems for Tunnel Ventilation Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 10: Latin America Monitoring Systems for Tunnel Ventilation Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 11: Middle East and Africa Monitoring Systems for Tunnel Ventilation Competitive Analysis (Market Size, Key Players and Market Share, Product Type and Application Segment Analysis, Countries Analysis)

Chapter 12: Global Monitoring Systems for Tunnel Ventilation Competitive Analysis of Key Manufacturers (Sales, Revenue, Market Share, Price, Regional Distribution and Industry Concentration)

Chapter 13: Key Company Profiles (Product Portfolio, Sales, Revenue, Price and Gross Margin)

Chapter 14: Industrial Chain Analysis, Include Raw Material Suppliers, Distributors and Customers

Chapter 15: Research Findings and Conclusion

Chapter 16: Methodology and Data Sources

Contents

1 MONITORING SYSTEMS FOR TUNNEL VENTILATION MARKET OVERVIEW

- 1.1 Product Definition and Statistical Scope
- 1.2 Monitoring Systems for Tunnel Ventilation Product by Type
 - 1.2.1 Multipoint
 - 1.2.2 Detached
- 1.3 Monitoring Systems for Tunnel Ventilation Product by Application
 - 1.3.1 Highway Tunnels
 - 1.3.2 Railway Tunnels
 - 1.3.3 Subway Tunnels
 - 1.3.4 Other Tunnels
- 1.4 Global Monitoring Systems for Tunnel Ventilation Market Revenue and Sales Analysis
 - 1.4.1 Global Monitoring Systems for Tunnel Ventilation Revenue Market Size Analysis (2020-2032)
 - 1.4.2 Global Monitoring Systems for Tunnel Ventilation Sales Market Size Analysis (2020-2032)
 - 1.4.3 Global Monitoring Systems for Tunnel Ventilation Market Sales Price Trend Analysis (2020-2032)
- 1.5 Monitoring Systems for Tunnel Ventilation Industry Trends and Innovation
 - 1.5.1 Monitoring Systems for Tunnel Ventilation Industry Trends and Innovation
 - 1.5.2 Monitoring Systems for Tunnel Ventilation Market Drivers and Challenges

2 MONITORING SYSTEMS FOR TUNNEL VENTILATION MARKET PESTEL ANALYSIS

- 2.1 Political Factors Analysis
- 2.2 Economic Factors Analysis
- 2.3 Social Factors Analysis
- 2.4 Technological Factors Analysis
- 2.5 Environmental Factors Analysis
- 2.6 Legal Factors Analysis

3 MONITORING SYSTEMS FOR TUNNEL VENTILATION MARKET PORTER'S FIVE FORCES ANALYSIS

- 3.1 Competitive Rivalry

- 3.2 Threat of New Entrants
- 3.3 Bargaining Power of Suppliers
- 3.4 Bargaining Power of Buyers
- 3.5 Threat of Substitutes

4 GLOBAL MONITORING SYSTEMS FOR TUNNEL VENTILATION MARKET ANALYSIS BY REGIONS

- 4.1 Monitoring Systems for Tunnel Ventilation Overall Market: 2024 VS 2025 VS 2032
- 4.2 Global Monitoring Systems for Tunnel Ventilation Revenue and Forecast Analysis (2020-2032)
 - 4.2.1 Global Monitoring Systems for Tunnel Ventilation Revenue and Market Share by Region (2020-2025)
 - 4.2.2 Global Monitoring Systems for Tunnel Ventilation Revenue and Market Share Forecast by Region (2026-2032)
- 4.3 Global Monitoring Systems for Tunnel Ventilation Sales and Forecast Analysis (2020-2032)
 - 4.3.1 Global Monitoring Systems for Tunnel Ventilation Sales and Market Share by Region (2020-2025)
 - 4.3.2 Global Monitoring Systems for Tunnel Ventilation Sales and Market Share Forecast by Region (2026-2032)
- 4.4 Global Monitoring Systems for Tunnel Ventilation Sales Price Trend Analysis (2020-2032)

5 GLOBAL MONITORING SYSTEMS FOR TUNNEL VENTILATION MARKET SIZE BY TYPE AND APPLICATION

- 5.1 Global Monitoring Systems for Tunnel Ventilation Market Size by Type
 - 5.1.1 Global Monitoring Systems for Tunnel Ventilation Revenue and Forecast Analysis by Type (2020-2032)
 - 5.1.2 Global Monitoring Systems for Tunnel Ventilation Sales and Forecast Analysis by Type (2020-2032)
- 5.2 Global Monitoring Systems for Tunnel Ventilation Market Size by Application
 - 5.2.1 Global Monitoring Systems for Tunnel Ventilation Revenue and Forecast Analysis by Application (2020-2032)
 - 5.2.2 Global Monitoring Systems for Tunnel Ventilation Sales and Forecast Analysis by Application (2020-2032)

6 NORTH AMERICA

6.1 North America Monitoring Systems for Tunnel Ventilation Market Size and Growth Rate Analysis (2020-2032)

6.2 North America Key Manufacturers Analysis

6.3 North America Monitoring Systems for Tunnel Ventilation Market Size by Type

6.3.1 North America Monitoring Systems for Tunnel Ventilation Sales by Type (2020-2032)

6.3.2 North America Monitoring Systems for Tunnel Ventilation Revenue by Type (2020-2032)

6.4 North America Monitoring Systems for Tunnel Ventilation Market Size by Application

6.4.1 North America Monitoring Systems for Tunnel Ventilation Sales by Application (2020-2032)

6.4.2 North America Monitoring Systems for Tunnel Ventilation Revenue by Application (2020-2032)

6.5 North America Monitoring Systems for Tunnel Ventilation Market Size by Country

6.5.1 US

6.5.2 Canada

7 EUROPE

7.1 Europe Monitoring Systems for Tunnel Ventilation Market Size and Growth Rate Analysis (2020-2032)

7.2 Europe Key Manufacturers Analysis

7.3 Europe Monitoring Systems for Tunnel Ventilation Market Size by Type

7.3.1 Europe Monitoring Systems for Tunnel Ventilation Sales by Type (2020-2032)

7.3.2 Europe Monitoring Systems for Tunnel Ventilation Revenue by Type (2020-2032)

7.4 Europe Monitoring Systems for Tunnel Ventilation Market Size by Application

7.4.1 Europe Monitoring Systems for Tunnel Ventilation Sales by Application (2020-2032)

7.4.2 Europe Monitoring Systems for Tunnel Ventilation Revenue by Application (2020-2032)

7.5 Europe Monitoring Systems for Tunnel Ventilation Market Size by Country

7.5.1 Germany

7.5.2 France

7.5.3 United Kingdom

7.5.4 Italy

7.5.5 Spain

7.5.6 Benelux

8 CHINA

8.1 China Monitoring Systems for Tunnel Ventilation Market Size and Growth Rate Analysis (2020-2032)

8.2 China Key Manufacturers Analysis

8.3 China Monitoring Systems for Tunnel Ventilation Market Size by Type

8.3.1 China Monitoring Systems for Tunnel Ventilation Sales by Type (2020-2032)

8.3.2 China Monitoring Systems for Tunnel Ventilation Revenue by Type (2020-2032)

8.4 China Monitoring Systems for Tunnel Ventilation Market Size by Application

8.4.1 China Monitoring Systems for Tunnel Ventilation Sales by Application (2020-2032)

8.4.2 China Monitoring Systems for Tunnel Ventilation Revenue by Application (2020-2032)

9 APAC (EXCL. CHINA)

9.1 APAC (excl. China) Monitoring Systems for Tunnel Ventilation Market Size and Growth Rate Analysis (2020-2032)

9.2 APAC (excl. China) Key Manufacturers Analysis

9.3 APAC (excl. China) Monitoring Systems for Tunnel Ventilation Market Size by Type

9.3.1 APAC (excl. China) Monitoring Systems for Tunnel Ventilation Sales by Type (2020-2032)

9.3.2 APAC (excl. China) Monitoring Systems for Tunnel Ventilation Revenue by Type (2020-2032)

9.4 APAC (excl. China) Monitoring Systems for Tunnel Ventilation Market Size by Application

9.4.1 APAC (excl. China) Monitoring Systems for Tunnel Ventilation Sales by Application (2020-2032)

9.4.2 APAC (excl. China) Monitoring Systems for Tunnel Ventilation Revenue by Application (2020-2032)

9.5 APAC (excl. China) Monitoring Systems for Tunnel Ventilation Market Size by Country

9.5.1 Japan

9.5.2 South Korea

9.5.3 India

9.5.4 Australia

9.5.5 Southeast Asia

10 LATIN AMERICA

10.1 Latin America Monitoring Systems for Tunnel Ventilation Market Size and Growth Rate Analysis (2020-2032)

10.2 Latin America Key Manufacturers Analysis

10.3 Latin America Monitoring Systems for Tunnel Ventilation Market Size by Type

10.3.1 Latin America Monitoring Systems for Tunnel Ventilation Sales by Type (2020-2032)

10.3.2 Latin America Monitoring Systems for Tunnel Ventilation Revenue by Type (2020-2032)

10.4 Latin America Monitoring Systems for Tunnel Ventilation Market Size by Application

10.4.1 Latin America Monitoring Systems for Tunnel Ventilation Sales by Application (2020-2032)

10.4.2 Latin America Monitoring Systems for Tunnel Ventilation Revenue by Application (2020-2032)

10.5 Latin America Monitoring Systems for Tunnel Ventilation Market Size by Country

10.6 Latin America Monitoring Systems for Tunnel Ventilation Market Size by Country

10.6.1 Mexico

10.6.2 Brazil

11 MIDDLE EAST & AFRICA

11.1 Middle East & Africa Monitoring Systems for Tunnel Ventilation Market Size and Growth Rate Analysis (2020-2032)

11.2 Middle East & Africa Key Manufacturers Analysis

11.3 Middle East & Africa Monitoring Systems for Tunnel Ventilation Market Size by Type

11.3.1 Middle East & Africa Monitoring Systems for Tunnel Ventilation Sales by Type (2020-2032)

11.3.2 Middle East & Africa Monitoring Systems for Tunnel Ventilation Revenue by Type (2020-2032)

11.4 Middle East & Africa Monitoring Systems for Tunnel Ventilation Market Size by Application

11.4.1 Middle East & Africa Monitoring Systems for Tunnel Ventilation Sales by Application (2020-2032)

11.4.2 Middle East & Africa Monitoring Systems for Tunnel Ventilation Revenue by Application (2020-2032)

11.5 Middle East Monitoring Systems for Tunnel Ventilation Market Size by Country

11.5.1 Saudi Arabia

11.5.2 South Africa

12 COMPETITION BY MANUFACTURERS

12.1 Global Monitoring Systems for Tunnel Ventilation Market Sales, Revenue and Price by Key Manufacturers (2021-2025)

12.1.1 Global Monitoring Systems for Tunnel Ventilation Market Sales by Key Manufacturers (2021-2025)

12.1.2 Global Monitoring Systems for Tunnel Ventilation Market Revenue by Key Manufacturers (2021-2025)

12.1.3 Global Monitoring Systems for Tunnel Ventilation Average Sales Price by Manufacturers (2021-2025)

12.2 Monitoring Systems for Tunnel Ventilation Competitive Landscape Analysis and Market Dynamic

12.2.1 Monitoring Systems for Tunnel Ventilation Competitive Landscape Analysis

12.2.2 Global Key Manufacturers Headquarter Location and Key Area Sales

12.2.3 Market Dynamic

13 KEY COMPANIES ANALYSIS

13.1 Siemens

13.1.1 Siemens Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.1.2 Siemens Monitoring Systems for Tunnel Ventilation Product Portfolio

13.1.3 Siemens Monitoring Systems for Tunnel Ventilation Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.2 ABB

13.2.1 ABB Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.2.2 ABB Monitoring Systems for Tunnel Ventilation Product Portfolio

13.2.3 ABB Monitoring Systems for Tunnel Ventilation Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.3 Honeywell

13.3.1 Honeywell Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.3.2 Honeywell Monitoring Systems for Tunnel Ventilation Product Portfolio

13.3.3 Honeywell Monitoring Systems for Tunnel Ventilation Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.4 Conspic

13.4.1 Conspec Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.4.2 Conspec Monitoring Systems for Tunnel Ventilation Product Portfolio

13.4.3 Conspec Monitoring Systems for Tunnel Ventilation Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.5 CODEL

13.5.1 CODEL Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.5.2 CODEL Monitoring Systems for Tunnel Ventilation Product Portfolio

13.5.3 CODEL Monitoring Systems for Tunnel Ventilation Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.6 PBE

13.6.1 PBE Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.6.2 PBE Monitoring Systems for Tunnel Ventilation Product Portfolio

13.6.3 PBE Monitoring Systems for Tunnel Ventilation Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.7 OPSIS

13.7.1 OPSIS Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.7.2 OPSIS Monitoring Systems for Tunnel Ventilation Product Portfolio

13.7.3 OPSIS Monitoring Systems for Tunnel Ventilation Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

13.8 Sick

13.8.1 Sick Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)

13.8.2 Sick Monitoring Systems for Tunnel Ventilation Product Portfolio

13.8.3 Sick Monitoring Systems for Tunnel Ventilation Market Data Analysis (Revenue, Sales, Price, Gross Margin and Market Share) (2021-2025)

14 INDUSTRY CHAIN ANALYSIS

14.1 Monitoring Systems for Tunnel Ventilation Industry Chain Analysis

14.2 Monitoring Systems for Tunnel Ventilation Industry Raw Material and Suppliers Analysis

14.2.1 Monitoring Systems for Tunnel Ventilation Key Raw Material Supply Analysis

14.2.2 Raw Material Suppliers and Contact Information

14.3 Monitoring Systems for Tunnel Ventilation Typical Downstream Customers

14.4 Monitoring Systems for Tunnel Ventilation Sales Channel Analysis

15 RESEARCH FINDINGS AND CONCLUSION

16 METHODOLOGY AND DATA SOURCE

16.1 Methodology/Research Approach

16.2 Research Scope

16.3 Benchmarks and Assumptions

16.4 Data Source

16.4.1 Primary Sources

16.4.2 Secondary Sources

16.5 Data Cross Validation

16.6 Disclaimer

List Of Tables

LIST OF TABLES

- Table 1: Global Monitoring Systems for Tunnel Ventilation Market Size Growth Rate by Type, 2024 VS 2025 VS 2032 (US\$ Million)
- Table 2: Global Monitoring Systems for Tunnel Ventilation Market Size Growth Rate by Application, 2024 VS 2025 VS 2032 (US\$ Million)
- Table 3: Monitoring Systems for Tunnel Ventilation Industry Development Status
- Table 4: Monitoring Systems for Tunnel Ventilation Industry Development Trends
- Table 5: Global Monitoring Systems for Tunnel Ventilation Market Size by Region in US\$ Million: 2024 VS 2025 VS 2032
- Table 6: Global Monitoring Systems for Tunnel Ventilation Revenue by Region (2020-2025) & (US\$ Million)
- Table 7: Global Monitoring Systems for Tunnel Ventilation Revenue Market Share by Region (2020-2025)
- Table 8: Global Monitoring Systems for Tunnel Ventilation Revenue Forecast by Region (2026-2032) & (US\$ Million)
- Table 9: Global Monitoring Systems for Tunnel Ventilation Revenue Market Share Forecast by Region (2026-2032)
- Table 10: Global Monitoring Systems for Tunnel Ventilation Sales by Region (2020-2025) & (Units)
- Table 11: Global Monitoring Systems for Tunnel Ventilation Sales Market Share by Region (2020-2025)
- Table 12: Global Monitoring Systems for Tunnel Ventilation Sales Forecast by Region (2026-2032) & (Units)
- Table 13: Global Monitoring Systems for Tunnel Ventilation Sales Market Share Forecast by Region (2026-2032)
- Table 14: Global Monitoring Systems for Tunnel Ventilation Revenue Analysis by Type (2020-2025) & (US\$ Million)
- Table 15: Global Monitoring Systems for Tunnel Ventilation Revenue Analysis Forecast by Type (2026-2032) & (US\$ Million)
- Table 16: Global Monitoring Systems for Tunnel Ventilation Sales Analysis by Type (2020-2025) & (Units)
- Table 17: Global Monitoring Systems for Tunnel Ventilation Sales Analysis Forecast by Type (2026-2032) & (Units)
- Table 18: Global Monitoring Systems for Tunnel Ventilation Revenue Analysis by Application (2020-2025) & (US\$ Million)
- Table 19: Global Monitoring Systems for Tunnel Ventilation Revenue Analysis Forecast by Application (2026-2032) & (US\$ Million)

Table 20: Global Monitoring Systems for Tunnel Ventilation Sales Analysis by Application (2020-2025) & (Units)

Table 21: Global Monitoring Systems for Tunnel Ventilation Sales Analysis Forecast by Application (2026-2032) & (Units)

Table 22: Key Monitoring Systems for Tunnel Ventilation Players in North America

Table 23: North America Monitoring Systems for Tunnel Ventilation Sales by Type (2020-2025) & (Units)

Table 24: North America Monitoring Systems for Tunnel Ventilation Sales by Type (2026-2032) & (Units)

Table 25: North America Monitoring Systems for Tunnel Ventilation Revenue by Type (2020-2025) & (US\$ Million)

Table 26: North America Monitoring Systems for Tunnel Ventilation Revenue by Type (2026-2032) & (US\$ Million)

Table 27: North America Monitoring Systems for Tunnel Ventilation Sales by Application (2020-2025) & (Units)

Table 28: North America Monitoring Systems for Tunnel Ventilation Sales by Application (2026-2032) & (Units)

Table 29: North America Monitoring Systems for Tunnel Ventilation Revenue by Application (2020-2025) & (US\$ Million)

Table 30: North America Monitoring Systems for Tunnel Ventilation Revenue by Application (2026-2032) & (US\$ Million)

Table 31: North America Monitoring Systems for Tunnel Ventilation Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 32: North America Monitoring Systems for Tunnel Ventilation Revenue Market Size by Country (2026-2032) & (US\$ Million)

Table 33: North America Monitoring Systems for Tunnel Ventilation Sales Market Size by Country (2020-2025) & (Units)

Table 34: North America Monitoring Systems for Tunnel Ventilation Sales Market Size by Country (2026-2032) & (Units)

Table 35: Key Monitoring Systems for Tunnel Ventilation Players in Europe

Table 36: Europe Monitoring Systems for Tunnel Ventilation Sales by Type (2020-2025) & (Units)

Table 37: Europe Monitoring Systems for Tunnel Ventilation Sales by Type (2026-2032) & (Units)

Table 38: Europe Monitoring Systems for Tunnel Ventilation Revenue by Type (2020-2025) & (US\$ Million)

Table 39: Europe Monitoring Systems for Tunnel Ventilation Revenue by Type (2026-2032) & (US\$ Million)

Table 40: Europe Monitoring Systems for Tunnel Ventilation Sales by Application

(2020-2025) & (Units)

Table 41: Europe Monitoring Systems for Tunnel Ventilation Sales by Application

(2026-2032) & (Units)

Table 42: Europe Monitoring Systems for Tunnel Ventilation Revenue by Application

(2020-2025) & (US\$ Million)

Table 43: Europe Monitoring Systems for Tunnel Ventilation Revenue by Application

(2026-2032) & (US\$ Million)

Table 44: Europe Monitoring Systems for Tunnel Ventilation Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 45: Europe Monitoring Systems for Tunnel Ventilation Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 46: Europe Monitoring Systems for Tunnel Ventilation Sales Market Size by Country (2020-2025) & (Units)

Table 47: Europe Monitoring Systems for Tunnel Ventilation Sales Market Size Forecast by Country (2026-2032) & (Units)

Table 48: Key Monitoring Systems for Tunnel Ventilation Players in China

Table 49: China Monitoring Systems for Tunnel Ventilation Sales by Type (2020-2025) & (Units)

Table 50: China Monitoring Systems for Tunnel Ventilation Sales by Type (2026-2032) & (Units)

Table 51: China Monitoring Systems for Tunnel Ventilation Revenue by Type (2020-2025) & (US\$ Million)

Table 52: China Monitoring Systems for Tunnel Ventilation Revenue by Type (2026-2032) & (US\$ Million)

Table 53: China Monitoring Systems for Tunnel Ventilation Sales by Application (2020-2025) & (Units)

Table 54: China Monitoring Systems for Tunnel Ventilation Sales by Application (2026-2032) & (Units)

Table 55: China Monitoring Systems for Tunnel Ventilation Revenue by Application (2020-2025) & (US\$ Million)

Table 56: China Monitoring Systems for Tunnel Ventilation Revenue by Application (2026-2032) & (US\$ Million)

Table 57: Key Monitoring Systems for Tunnel Ventilation Players in APAC (excl. China)

Table 58: APAC (excl. China) Monitoring Systems for Tunnel Ventilation Sales by Type (2020-2025) & (Units)

Table 59: APAC (excl. China) Monitoring Systems for Tunnel Ventilation Sales by Type (2026-2032) & (Units)

Table 60: APAC (excl. China) Monitoring Systems for Tunnel Ventilation Revenue by Type (2020-2025) & (US\$ Million)

Table 61: APAC (excl. China) Monitoring Systems for Tunnel Ventilation Revenue by Type (2026-2032) & (US\$ Million)

Table 62: APAC (excl. China) Monitoring Systems for Tunnel Ventilation Sales by Application (2020-2025) & (Units)

Table 63: APAC (excl. China) Monitoring Systems for Tunnel Ventilation Sales by Application (2026-2032) & (Units)

Table 64: APAC (excl. China) Monitoring Systems for Tunnel Ventilation Revenue by Application (2020-2025) & (US\$ Million)

Table 65: APAC (excl. China) Monitoring Systems for Tunnel Ventilation Revenue by Application (2026-2032) & (US\$ Million)

Table 66: APAC (excl. China) Monitoring Systems for Tunnel Ventilation Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 67: APAC (excl. China) Monitoring Systems for Tunnel Ventilation Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 68: APAC (excl. China) Monitoring Systems for Tunnel Ventilation Sales Market Size by Country (2020-2025) & (Units)

Table 69: APAC (excl. China) Monitoring Systems for Tunnel Ventilation Sales Market Size Forecast by Country (2026-2032) & (Units)

Table 70: Key Monitoring Systems for Tunnel Ventilation Players in Latin America

Table 71: Latin America Monitoring Systems for Tunnel Ventilation Sales by Type (2020-2025) & (Units)

Table 72: Latin America Monitoring Systems for Tunnel Ventilation Sales by Type (2026-2032) & (Units)

Table 73: Latin America Monitoring Systems for Tunnel Ventilation Revenue by Type (2020-2025) & (US\$ Million)

Table 74: Latin America Monitoring Systems for Tunnel Ventilation Revenue by Type (2026-2032) & (US\$ Million)

Table 75: Latin America Monitoring Systems for Tunnel Ventilation Sales by Application (2020-2025) & (Units)

Table 76: Latin America Monitoring Systems for Tunnel Ventilation Sales by Application (2026-2032) & (Units)

Table 77: Latin America Monitoring Systems for Tunnel Ventilation Revenue by Application (2020-2025) & (US\$ Million)

Table 78: Latin America Monitoring Systems for Tunnel Ventilation Revenue by Application (2026-2032) & (US\$ Million)

Table 79: Latin America Monitoring Systems for Tunnel Ventilation Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 80: Latin America Monitoring Systems for Tunnel Ventilation Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 81: Latin America Monitoring Systems for Tunnel Ventilation Sales Market Size by Country (2020-2025) & (Units)

Table 82: Latin America Monitoring Systems for Tunnel Ventilation Sales Market Size Forecast by Country (2026-2032) & (Units)

Table 83: Key Monitoring Systems for Tunnel Ventilation Players in Middle East & Africa

Table 84: Middle East & Africa Monitoring Systems for Tunnel Ventilation Sales by Type (2020-2025) & (Units)

Table 85: Middle East & Africa Monitoring Systems for Tunnel Ventilation Sales by Type (2026-2032) & (Units)

Table 86: Middle East & Africa Monitoring Systems for Tunnel Ventilation Revenue by Type (2020-2025) & (US\$ Million)

Table 87: Middle East & Africa Monitoring Systems for Tunnel Ventilation Revenue by Type (2026-2032) & (US\$ Million)

Table 88: Middle East & Africa Monitoring Systems for Tunnel Ventilation Sales by Application (2020-2025) & (Units)

Table 89: Middle East & Africa Monitoring Systems for Tunnel Ventilation Sales by Application (2026-2032) & (Units)

Table 90: Middle East & Africa Monitoring Systems for Tunnel Ventilation Revenue by Application (2020-2025) & (US\$ Million)

Table 91: Middle East & Africa Monitoring Systems for Tunnel Ventilation Revenue by Application (2026-2032) & (US\$ Million)

Table 92: Middle East & Africa Monitoring Systems for Tunnel Ventilation Revenue Market Size by Country (2020-2025) & (US\$ Million)

Table 93: Middle East & Africa Monitoring Systems for Tunnel Ventilation Revenue Market Size Forecast by Country (2026-2032) & (US\$ Million)

Table 94: Middle East & Africa Monitoring Systems for Tunnel Ventilation Sales Market Size by Country (2020-2025) & (Units)

Table 95: Middle East & Africa Monitoring Systems for Tunnel Ventilation Sales Market Size Forecast by Country (2026-2032) & (Units)

Table 96: Global Monitoring Systems for Tunnel Ventilation Market Sales by Key Manufacturers (2021-2025) & (Units)

Table 97: Global Monitoring Systems for Tunnel Ventilation Sales Market Share by Key Manufacturers (2021-2025)

Table 98: Global Monitoring Systems for Tunnel Ventilation Market Revenue by Key Manufacturers (2021-2025) & (US\$ Million)

Table 99: Global Monitoring Systems for Tunnel Ventilation Revenue Market Share by Key Manufacturers (2021-2025)

Table 100: Global Average Sales Price by Manufacturers (2021-2025) & (USD/Unit)

Table 101: Global Key Manufacturers Headquarter Location and Key Area Sales

- Table 102: Market Mergers & Acquisitions, Expansion
- Table 103: Siemens Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
- Table 104: Siemens Monitoring Systems for Tunnel Ventilation Product Portfolio
- Table 105: Siemens Monitoring Systems for Tunnel Ventilation Revenue (US\$ Million), Sales (Units), Price (USD/Unit), Gross Margin and Market Share (2021-2025)
- Table 106: ABB Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
- Table 107: ABB Monitoring Systems for Tunnel Ventilation Product Portfolio
- Table 108: ABB Monitoring Systems for Tunnel Ventilation Revenue (US\$ Million), Sales (Units), Price (USD/Unit), Gross Margin and Market Share (2021-2025)
- Table 109: Honeywell Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
- Table 110: Honeywell Monitoring Systems for Tunnel Ventilation Product Portfolio
- Table 111: Honeywell Monitoring Systems for Tunnel Ventilation Revenue (US\$ Million), Sales (Units), Price (USD/Unit), Gross Margin and Market Share (2021-2025)
- Table 112: Conspec Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
- Table 113: Conspec Monitoring Systems for Tunnel Ventilation Product Portfolio
- Table 114: Conspec Monitoring Systems for Tunnel Ventilation Revenue (US\$ Million), Sales (Units), Price (USD/Unit), Gross Margin and Market Share (2021-2025)
- Table 115: CODEL Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
- Table 116: CODEL Monitoring Systems for Tunnel Ventilation Product Portfolio
- Table 117: CODEL Monitoring Systems for Tunnel Ventilation Revenue (US\$ Million), Sales (Units), Price (USD/Unit), Gross Margin and Market Share (2021-2025)
- Table 118: PBE Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
- Table 119: PBE Monitoring Systems for Tunnel Ventilation Product Portfolio
- Table 120: PBE Monitoring Systems for Tunnel Ventilation Revenue (US\$ Million), Sales (Units), Price (USD/Unit), Gross Margin and Market Share (2021-2025)
- Table 121: OPSIS Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
- Table 122: OPSIS Monitoring Systems for Tunnel Ventilation Product Portfolio
- Table 123: OPSIS Monitoring Systems for Tunnel Ventilation Revenue (US\$ Million), Sales (Units), Price (USD/Unit), Gross Margin and Market Share (2021-2025)
- Table 124: Sick Basic Company Profile (Employees, Areas Service, Competitors and Contact Information)
- Table 125: Sick Monitoring Systems for Tunnel Ventilation Product Portfolio

Table 126: Sick Monitoring Systems for Tunnel Ventilation Revenue (US\$ Million), Sales (Units), Price (USD/Unit), Gross Margin and Market Share (2021-2025)

Table 127: Upstream Key Raw Material Price List

Table 128: Monitoring Systems for Tunnel Ventilation Raw Material Suppliers and Contact Information

Table 129: Monitoring Systems for Tunnel Ventilation Typical Customer List

Table 130: Monitoring Systems for Tunnel Ventilation Distributors List

List Of Figures

LIST OF FIGURES

Figure 1: Monitoring Systems for Tunnel Ventilation Product Pictures

Figure 2: Multipoint Picture Scope

Figure 3: Detached Picture Scope

Figure 4: Highway Tunnels Picture Scope

Figure 5: Railway Tunnels Picture Scope

Figure 6: Subway Tunnels Picture Scope

Figure 7: Other Tunnels Picture Scope

Figure 8: Global Monitoring Systems for Tunnel Ventilation Market Size Analysis: 2024 VS 2025 VS 2032 (US\$ Million)

Figure 9: Global Monitoring Systems for Tunnel Ventilation Market Revenue and Growth Rate Analysis: (2020-2032) & (US\$ Million)

Figure 10: Global Monitoring Systems for Tunnel Ventilation Market Sales and Growth Rate Analysis (2020-2032) & (Units)

Figure 11: Global Monitoring Systems for Tunnel Ventilation Market Price Trend Analysis (2020-2032) & (USD/Unit)

Figure 12: Global Monitoring Systems for Tunnel Ventilation Market Size by Region (2020-2032) & (US\$ Million)

Figure 13: Global Monitoring Systems for Tunnel Ventilation Market Share Scenario by Region in Percentage: 2025 Versus 2032

Figure 14: Global Monitoring Systems for Tunnel Ventilation Sales Price by Region (2020-2032) & (Units)

Figure 15: North America Monitoring Systems for Tunnel Ventilation Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 16: North America Monitoring Systems for Tunnel Ventilation Revenue Market Share by Players in 2024

Figure 17: North America Monitoring Systems for Tunnel Ventilation Sales Market Share by Type (2020-2032)

Figure 18: North America Monitoring Systems for Tunnel Ventilation Revenue Market Share by Type (2020-2032)

Figure 19: North America Monitoring Systems for Tunnel Ventilation Sales Market Share by Application (2020-2032)

Figure 20: North America Monitoring Systems for Tunnel Ventilation Revenue Market Share by Application (2020-2032)

Figure 21: US Monitoring Systems for Tunnel Ventilation Revenue (2020-2032) & (US\$ Million)

Figure 22:Canada Monitoring Systems for Tunnel Ventilation Revenue (2020-2032) & (US\$ Million)

Figure 23:Europe Monitoring Systems for Tunnel Ventilation Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 24:Europe Monitoring Systems for Tunnel Ventilation Revenue Market Share by Players in 2024

Figure 25:Europe Monitoring Systems for Tunnel Ventilation Sales Market Share by Type (2020-2032)

Figure 26:Europe Monitoring Systems for Tunnel Ventilation Revenue Market Share by Type (2020-2032)

Figure 27:Europe Monitoring Systems for Tunnel Ventilation Sales Market Share by Application (2020-2032)

Figure 28:Europe Monitoring Systems for Tunnel Ventilation Revenue Market Share by Application (2020-2032)

Figure 29:Germany Monitoring Systems for Tunnel Ventilation Revenue (2020-2032) & (US\$ Million)

Figure 30:France Monitoring Systems for Tunnel Ventilation Revenue (2020-2032) & (US\$ Million)

Figure 31:United Kingdom Monitoring Systems for Tunnel Ventilation Revenue (2020-2032) & (US\$ Million)

Figure 32:Italy Monitoring Systems for Tunnel Ventilation Revenue (2020-2032) & (US\$ Million)

Figure 33:Spain Monitoring Systems for Tunnel Ventilation Revenue (2020-2032) & (US\$ Million)

Figure 34:Benelux Monitoring Systems for Tunnel Ventilation Revenue (2020-2032) & (US\$ Million)

Figure 35:China Monitoring Systems for Tunnel Ventilation Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 36:China Monitoring Systems for Tunnel Ventilation Revenue Market Share by Players in 2024

Figure 37:China Monitoring Systems for Tunnel Ventilation Sales Market Share by Type (2020-2032)

Figure 38:China Monitoring Systems for Tunnel Ventilation Revenue Market Share by Type (2020-2032)

Figure 39:China Monitoring Systems for Tunnel Ventilation Sales Market Share by Application (2020-2032)

Figure 40:China Monitoring Systems for Tunnel Ventilation Revenue Market Share by Application (2020-2032)

Figure 41:APAC (excl. China) Monitoring Systems for Tunnel Ventilation Market Size

and Growth Rate (2020-2032) & (US\$ Million)

Figure 42:APAC (excl. China) Monitoring Systems for Tunnel Ventilation Revenue Market Share by Players in 2024

Figure 43:APAC (excl. China) Monitoring Systems for Tunnel Ventilation Sales Market Share by Type (2020-2032)

Figure 44:APAC (excl. China) Monitoring Systems for Tunnel Ventilation Revenue Market Share by Type (2020-2032)

Figure 45:APAC (excl. China) Monitoring Systems for Tunnel Ventilation Sales Market Share by Application (2020-2032)

Figure 46:APAC (excl. China) Monitoring Systems for Tunnel Ventilation Revenue Market Share by Application (2020-2032)

Figure 47:Japan Monitoring Systems for Tunnel Ventilation Revenue (2020-2032) & (US\$ Million)

Figure 48:South Korea Monitoring Systems for Tunnel Ventilation Revenue (2020-2032) & (US\$ Million)

Figure 49:India Monitoring Systems for Tunnel Ventilation Revenue (2020-2032) & (US\$ Million)

Figure 50:Australia Monitoring Systems for Tunnel Ventilation Revenue (2020-2032) & (US\$ Million)

Figure 51:Southeast Asia Monitoring Systems for Tunnel Ventilation Revenue (2020-2032) & (US\$ Million)

Figure 52:Latin America Monitoring Systems for Tunnel Ventilation Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 53:Latin America Monitoring Systems for Tunnel Ventilation Revenue Market Share by Players in 2024

Figure 54:Latin America Monitoring Systems for Tunnel Ventilation Sales Market Share by Type (2020-2032)

Figure 55:Latin America Monitoring Systems for Tunnel Ventilation Revenue Market Share by Type (2020-2032)

Figure 56:Latin America Monitoring Systems for Tunnel Ventilation Sales Market Share by Application (2020-2032)

Figure 57:Latin America Monitoring Systems for Tunnel Ventilation Revenue Market Share by Application (2020-2032)

Figure 58:Mexico Monitoring Systems for Tunnel Ventilation Revenue (2020-2032) & (US\$ Million)

Figure 59:Brazil Monitoring Systems for Tunnel Ventilation Revenue (2020-2032) & (US\$ Million)

Figure 60:Middle East & Africa Monitoring Systems for Tunnel Ventilation Market Size and Growth Rate (2020-2032) & (US\$ Million)

Figure 61: Middle East & Africa Monitoring Systems for Tunnel Ventilation Revenue Market Share by Players in 2024

Figure 62: Middle East & Africa Monitoring Systems for Tunnel Ventilation Sales Market Share by Type (2020-2032)

Figure 63: Middle East & Africa Monitoring Systems for Tunnel Ventilation Revenue Market Share by Type (2020-2032)

Figure 64: Middle East & Africa Monitoring Systems for Tunnel Ventilation Sales Market Share by Application (2020-2032)

Figure 65: Middle East & Africa Monitoring Systems for Tunnel Ventilation Revenue Market Share by Application (2020-2032)

Figure 66: Saudi Arabia Monitoring Systems for Tunnel Ventilation Revenue (2020-2032) & (US\$ Million)

Figure 67: South Africa Monitoring Systems for Tunnel Ventilation Revenue (2020-2032) & (US\$ Million)

Figure 68: Global Monitoring Systems for Tunnel Ventilation Sales Market Share by Key Manufacturers in 2024

Figure 69: Global Monitoring Systems for Tunnel Ventilation Revenue Market Share by Key Manufacturers in 2024

Figure 70: Global Monitoring Systems for Tunnel Ventilation Industry Competition Landscape

Figure 71: Monitoring Systems for Tunnel Ventilation Industry Chain Analysis

Figure 72: Bottom-Up and Top-Down Research Methods

Figure 73: Key Interview Objectives

Figure 74: Data Cross Validation

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