



Ultrasonic Wind Speed and Direction Sensor Industry Research Report 2026

Industry	Published	Pages	Format
Electronics & Semiconductor	2026-04-08	137	PDF
Single User	Multi User	Enterprise	
USD 2,950	USD 4,430	USD 5,900	

Description

The global Ultrasonic Wind Speed and Direction Sensor market was valued at US\$ million in 2025 and is projected to reach US\$ million by 2032, implying a CAGR of % over 2026–2032.

The North America market for Ultrasonic Wind Speed and Direction Sensor is forecast to increase from US\$ million in 2026 to US\$ million by 2032, corresponding to a CAGR of % over 2026–2032.

The Europe market for Ultrasonic Wind Speed and Direction Sensor is projected to rise from US\$ million in 2026 to US\$ million by 2032, registering a CAGR of % over 2026–2032.

The Asia Pacific market for Ultrasonic Wind Speed and Direction Sensor is expected to grow from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026–2032.

Leading global manufacturers of Ultrasonic Wind Speed and Direction Sensor include , among others. In 2025, the top three vendors together accounted for approximately % of global revenue.

Report Scope

This report quantifies the global Ultrasonic Wind Speed and Direction Sensor market in revenue (US\$ million) and, where applicable, sales volume (k units), using 2025 as the base year and providing annual historical and forecast data for 2021–2032.

It standardizes definitions of types and applications, harmonizes vendor attribution, and presents comparable time series by company, type, application, and region/country, including indicative price bands (US\$/k units) and concentration ratios (CR5/CR10).

The outputs are intended to support strategy development, budgeting, and performance benchmarking for manufacturers, new entrants, channel partners, and investors; the report also reviews technology shifts and notable product introductions relevant to Ultrasonic Wind Speed and Direction Sensor.

Key Companies & Market Share Insights

This section profiles leading manufacturers, combining 2021–2025 results with a 2026–2032 outlook. It reports revenue, market share, price bands, product and application mix, regional and channel mix, and key developments (M&A, capacity additions, certifications). It also provides global revenue, average price, and—where applicable—sales volume by manufacturer, and calculates CR5/CR10 and rank changes to support comparative benchmarking.

Ultrasonic Wind Speed and Direction Sensor Market by Company

Munro Instruments

TECMES

Gill Instruments

Testo

VWR

La Crosse Technology

Samson Automation

Fluke

Raj Thermometers

Biral

Kaizen Imperial

Davis Instruments

Vaisala

CEM

Hunan Rika Electronic Tech

Shandong Renke Control Technology

Ultrasonic Wind Speed and Direction Sensor Segment by Type

0 - 30 m/s

30 - 60 m/s

Ultrasonic Wind Speed and Direction Sensor Segment by Application

Weather Stations

Ship Navigation

Aviation

Other

Ultrasonic Wind Speed and Direction Sensor Segment by Region

North America

United States

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Spain

Netherlands

Switzerland

Sweden

Poland

Asia-Pacific

China

Japan

South Korea

India

Australia

Taiwan

Southeast Asia

South America

Brazil

Argentina
Chile
Middle East & Africa
Egypt
South Africa
Israel
Türkiye
GCC Countries

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Ultrasonic Wind Speed and Direction Sensor market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Ultrasonic Wind Speed and Direction Sensor and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market
5. This report helps stakeholders to gain insights into which regions to target globally
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Ultrasonic Wind Speed and Direction Sensor.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1:

Research objectives, research methods, data sources, data cross-validation;

Chapter 2:

Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3:

Detailed analysis of Ultrasonic Wind Speed and Direction Sensor manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4:

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

Chapter 5:

Production/output, value of Ultrasonic Wind Speed and Direction Sensor by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6:

Consumption of Ultrasonic Wind Speed and Direction Sensor in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

Chapter 7:

Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 8:

Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 9:

Analysis of industrial chain, including the upstream and downstream of the industry.

Chapter 10:

Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11:

The main points and conclusions of the report.

Table of Contents

1 Preface

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 Market Overview

- 2.1 Product Definition
- 2.2 Ultrasonic Wind Speed and Direction Sensor by Type
 - 2.2.1 Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.2.2 0 - 30 m/s
 - 2.2.3 30 - 60 m/s
- 2.3 Ultrasonic Wind Speed and Direction Sensor by Application
 - 2.3.1 Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.3.2 Weather Stations
 - 2.3.3 Ship Navigation
 - 2.3.4 Aviation
 - 2.3.5 Other
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global Ultrasonic Wind Speed and Direction Sensor Production Value Estimates and Forecasts (2021-2032)
 - 2.4.2 Global Ultrasonic Wind Speed and Direction Sensor Production Capacity Estimates and Forecasts (2021-2032)
 - 2.4.3 Global Ultrasonic Wind Speed and Direction Sensor Production Estimates and Forecasts (2021-2032)
 - 2.4.4 Global Ultrasonic Wind Speed and Direction Sensor Market Average Price (2021-2032)

3 Market Competitive Landscape by Manufacturers

- 3.1 Global Ultrasonic Wind Speed and Direction Sensor Production by Manufacturers (2021-2026)
- 3.2 Global Ultrasonic Wind Speed and Direction Sensor Production Value by Manufacturers (2021-2026)
- 3.3 Global Ultrasonic Wind Speed and Direction Sensor Average Price by Manufacturers (2021-2026)
- 3.4 Global Ultrasonic Wind Speed and Direction Sensor Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- 3.5 Global Ultrasonic Wind Speed and Direction Sensor Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Ultrasonic Wind Speed and Direction Sensor Manufacturers, Product Type & Application
- 3.7 Global Ultrasonic Wind Speed and Direction Sensor Manufacturers Established Date
- 3.8 Global Ultrasonic Wind Speed and Direction Sensor Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

4 Manufacturers Profiled

- 4.1 Munro Instruments
 - 4.1.1 Munro Instruments Ultrasonic Wind Speed and Direction Sensor Company Information
 - 4.1.2 Munro Instruments Ultrasonic Wind Speed and Direction Sensor Business Overview
 - 4.1.3 Munro Instruments Ultrasonic Wind Speed and Direction Sensor Production, Value and Gross Margin (2021-2026)
 - 4.1.4 Munro Instruments Product Portfolio
 - 4.1.5 Munro Instruments Recent Developments
- 4.2 TECMES

- 4.2.1 TECMES Ultrasonic Wind Speed and Direction Sensor Company Information
- 4.2.2 TECMES Ultrasonic Wind Speed and Direction Sensor Business Overview
- 4.2.3 TECMES Ultrasonic Wind Speed and Direction Sensor Production, Value and Gross Margin (2021-2026)
- 4.2.4 TECMES Product Portfolio
- 4.2.5 TECMES Recent Developments
- 4.3 Gill Instruments
 - 4.3.1 Gill Instruments Ultrasonic Wind Speed and Direction Sensor Company Information
 - 4.3.2 Gill Instruments Ultrasonic Wind Speed and Direction Sensor Business Overview
 - 4.3.3 Gill Instruments Ultrasonic Wind Speed and Direction Sensor Production, Value and Gross Margin (2021-2026)
 - 4.3.4 Gill Instruments Product Portfolio
 - 4.3.5 Gill Instruments Recent Developments
- 4.4 Testo
 - 4.4.1 Testo Ultrasonic Wind Speed and Direction Sensor Company Information
 - 4.4.2 Testo Ultrasonic Wind Speed and Direction Sensor Business Overview
 - 4.4.3 Testo Ultrasonic Wind Speed and Direction Sensor Production, Value and Gross Margin (2021-2026)
 - 4.4.4 Testo Product Portfolio
 - 4.4.5 Testo Recent Developments
- 4.5 VWR
 - 4.5.1 VWR Ultrasonic Wind Speed and Direction Sensor Company Information
 - 4.5.2 VWR Ultrasonic Wind Speed and Direction Sensor Business Overview
 - 4.5.3 VWR Ultrasonic Wind Speed and Direction Sensor Production, Value and Gross Margin (2021-2026)
 - 4.5.4 VWR Product Portfolio
 - 4.5.5 VWR Recent Developments
- 4.6 La Crosse Technology
 - 4.6.1 La Crosse Technology Ultrasonic Wind Speed and Direction Sensor Company Information
 - 4.6.2 La Crosse Technology Ultrasonic Wind Speed and Direction Sensor Business Overview
 - 4.6.3 La Crosse Technology Ultrasonic Wind Speed and Direction Sensor Production, Value and Gross Margin (2021-2026)
 - 4.6.4 La Crosse Technology Product Portfolio
 - 4.6.5 La Crosse Technology Recent Developments
- 4.7 Samson Automation
 - 4.7.1 Samson Automation Ultrasonic Wind Speed and Direction Sensor Company Information
 - 4.7.2 Samson Automation Ultrasonic Wind Speed and Direction Sensor Business Overview
 - 4.7.3 Samson Automation Ultrasonic Wind Speed and Direction Sensor Production, Value and Gross Margin (2021-2026)
 - 4.7.4 Samson Automation Product Portfolio
 - 4.7.5 Samson Automation Recent Developments
- 4.8 Fluke
 - 4.8.1 Fluke Ultrasonic Wind Speed and Direction Sensor Company Information
 - 4.8.2 Fluke Ultrasonic Wind Speed and Direction Sensor Business Overview
 - 4.8.3 Fluke Ultrasonic Wind Speed and Direction Sensor Production, Value and Gross Margin (2021-2026)
 - 4.8.4 Fluke Product Portfolio
 - 4.8.5 Fluke Recent Developments
- 4.9 Raj Thermometers
 - 4.9.1 Raj Thermometers Ultrasonic Wind Speed and Direction Sensor Company Information
 - 4.9.2 Raj Thermometers Ultrasonic Wind Speed and Direction Sensor Business Overview
 - 4.9.3 Raj Thermometers Ultrasonic Wind Speed and Direction Sensor Production, Value and Gross Margin (2021-2026)
 - 4.9.4 Raj Thermometers Product Portfolio
 - 4.9.5 Raj Thermometers Recent Developments

4.10 Biral

4.10.1 Biral Ultrasonic Wind Speed and Direction Sensor Company Information

4.10.2 Biral Ultrasonic Wind Speed and Direction Sensor Business Overview

4.10.3 Biral Ultrasonic Wind Speed and Direction Sensor Production, Value and Gross Margin (2021-2026)

4.10.4 Biral Product Portfolio

4.10.5 Biral Recent Developments

4.11 Kaizen Imperial

4.11.1 Kaizen Imperial Ultrasonic Wind Speed and Direction Sensor Company Information

4.11.2 Kaizen Imperial Ultrasonic Wind Speed and Direction Sensor Business Overview

4.11.3 Kaizen Imperial Ultrasonic Wind Speed and Direction Sensor Production, Value and Gross Margin (2021-2026)

4.11.4 Kaizen Imperial Product Portfolio

4.11.5 Kaizen Imperial Recent Developments

4.12 Davis Instruments

4.12.1 Davis Instruments Ultrasonic Wind Speed and Direction Sensor Company Information

4.12.2 Davis Instruments Ultrasonic Wind Speed and Direction Sensor Business Overview

4.12.3 Davis Instruments Ultrasonic Wind Speed and Direction Sensor Production, Value and Gross Margin (2021-2026)

4.12.4 Davis Instruments Product Portfolio

4.12.5 Davis Instruments Recent Developments

4.13 Vaisala

4.13.1 Vaisala Ultrasonic Wind Speed and Direction Sensor Company Information

4.13.2 Vaisala Ultrasonic Wind Speed and Direction Sensor Business Overview

4.13.3 Vaisala Ultrasonic Wind Speed and Direction Sensor Production, Value and Gross Margin (2021-2026)

4.13.4 Vaisala Product Portfolio

4.13.5 Vaisala Recent Developments

4.14 CEM

4.14.1 CEM Ultrasonic Wind Speed and Direction Sensor Company Information

4.14.2 CEM Ultrasonic Wind Speed and Direction Sensor Business Overview

4.14.3 CEM Ultrasonic Wind Speed and Direction Sensor Production, Value and Gross Margin (2021-2026)

4.14.4 CEM Product Portfolio

4.14.5 CEM Recent Developments

4.15 Hunan Rika Electronic Tech

4.15.1 Hunan Rika Electronic Tech Ultrasonic Wind Speed and Direction Sensor Company Information

4.15.2 Hunan Rika Electronic Tech Ultrasonic Wind Speed and Direction Sensor Business Overview

4.15.3 Hunan Rika Electronic Tech Ultrasonic Wind Speed and Direction Sensor Production, Value and Gross Margin (2021-2026)

4.15.4 Hunan Rika Electronic Tech Product Portfolio

4.15.5 Hunan Rika Electronic Tech Recent Developments

4.16 Shandong Renke Control Technology

4.16.1 Shandong Renke Control Technology Ultrasonic Wind Speed and Direction Sensor Company Information

4.16.2 Shandong Renke Control Technology Ultrasonic Wind Speed and Direction Sensor Business Overview

4.16.3 Shandong Renke Control Technology Ultrasonic Wind Speed and Direction Sensor Production, Value and Gross Margin (2021-2026)

4.16.4 Shandong Renke Control Technology Product Portfolio

4.16.5 Shandong Renke Control Technology Recent Developments

5 Global Ultrasonic Wind Speed and Direction Sensor Production by Region

5.1 Global Ultrasonic Wind Speed and Direction Sensor Production Estimates and Forecasts by Region: 2021 VS 2025 VS 2032

5.2 Global Ultrasonic Wind Speed and Direction Sensor Production by Region: 2021-2032

5.2.1 Global Ultrasonic Wind Speed and Direction Sensor Production by Region: 2021-2026

5.2.2 Global Ultrasonic Wind Speed and Direction Sensor Production Forecast by Region (2027-2032)

5.3 Global Ultrasonic Wind Speed and Direction Sensor Production Value Estimates and Forecasts by Region: 2021 VS 2025 VS 2032

5.4 Global Ultrasonic Wind Speed and Direction Sensor Production Value by Region: 2021-2032

5.4.1 Global Ultrasonic Wind Speed and Direction Sensor Production Value by Region: 2021-2026

5.4.2 Global Ultrasonic Wind Speed and Direction Sensor Production Value Forecast by Region (2027-2032)

5.5 Global Ultrasonic Wind Speed and Direction Sensor Market Price Analysis by Region (2021-2026)

5.6 Global Ultrasonic Wind Speed and Direction Sensor Production and Value, YOY Growth

5.6.1 North America Ultrasonic Wind Speed and Direction Sensor Production Value Estimates and Forecasts (2021-2032)

5.6.2 Europe Ultrasonic Wind Speed and Direction Sensor Production Value Estimates and Forecasts (2021-2032)

5.6.3 China Ultrasonic Wind Speed and Direction Sensor Production Value Estimates and Forecasts (2021-2032)

5.6.4 Japan Ultrasonic Wind Speed and Direction Sensor Production Value Estimates and Forecasts (2021-2032)

5.6.5 South Korea Ultrasonic Wind Speed and Direction Sensor Production Value Estimates and Forecasts (2021-2032)

6 Global Ultrasonic Wind Speed and Direction Sensor Consumption by Region

6.1 Global Ultrasonic Wind Speed and Direction Sensor Consumption Estimates and Forecasts by Region: 2021 VS 2025 VS 2032

6.2 Global Ultrasonic Wind Speed and Direction Sensor Consumption by Region (2021-2032)

6.2.1 Global Ultrasonic Wind Speed and Direction Sensor Consumption by Region: 2021-2026

6.2.2 Global Ultrasonic Wind Speed and Direction Sensor Forecasted Consumption by Region (2027-2032)

6.3 North America

6.3.1 North America Ultrasonic Wind Speed and Direction Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.3.2 North America Ultrasonic Wind Speed and Direction Sensor Consumption by Country (2021-2032)

6.3.3 United States

6.3.4 Canada

6.3.5 Mexico

6.4 Europe

6.4.1 Europe Ultrasonic Wind Speed and Direction Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.4.2 Europe Ultrasonic Wind Speed and Direction Sensor Consumption by Country (2021-2032)

6.4.3 Germany

6.4.4 France

6.4.5 U.K.

6.4.6 Italy

6.4.7 Russia

6.4.8 Spain

6.4.9 Netherlands

6.4.10 Switzerland

6.4.11 Sweden

6.4.12 Poland

6.5 Asia Pacific

6.5.1 Asia Pacific Ultrasonic Wind Speed and Direction Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.5.2 Asia Pacific Ultrasonic Wind Speed and Direction Sensor Consumption by Country (2021-2032)

6.5.3 China

6.5.4 Japan

6.5.5 South Korea

6.5.6 India

6.5.7 Australia

6.5.8 Taiwan

6.5.9 Southeast Asia

6.6 South America, Middle East & Africa

6.6.1 South America, Middle East & Africa Ultrasonic Wind Speed and Direction Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

6.6.2 South America, Middle East & Africa Ultrasonic Wind Speed and Direction Sensor Consumption by Country (2021-2032)

6.6.3 Brazil

6.6.4 Argentina

6.6.5 Chile

6.6.6 Turkey

6.6.7 GCC Countries

7 Segment by Type

7.1 Global Ultrasonic Wind Speed and Direction Sensor Production by Type (2021-2032)

7.1.1 Global Ultrasonic Wind Speed and Direction Sensor Production by Type (2021-2032) & (k units)

7.1.2 Global Ultrasonic Wind Speed and Direction Sensor Production Market Share by Type (2021-2032)

7.2 Global Ultrasonic Wind Speed and Direction Sensor Production Value by Type (2021-2032)

7.2.1 Global Ultrasonic Wind Speed and Direction Sensor Production Value by Type (2021-2032) & (US\$ Million)

7.2.2 Global Ultrasonic Wind Speed and Direction Sensor Production Value Market Share by Type (2021-2032)

7.3 Global Ultrasonic Wind Speed and Direction Sensor Price by Type (2021-2032)

8 Segment by Application

8.1 Global Ultrasonic Wind Speed and Direction Sensor Production by Application (2021-2032)

8.1.1 Global Ultrasonic Wind Speed and Direction Sensor Production by Application (2021-2032) & (k units)

8.1.2 Global Ultrasonic Wind Speed and Direction Sensor Production Market Share by Application (2021-2032)

8.2 Global Ultrasonic Wind Speed and Direction Sensor Production Value by Application (2021-2032)

8.2.1 Global Ultrasonic Wind Speed and Direction Sensor Production Value by Application (2021-2032) & (US\$ Million)

8.2.2 Global Ultrasonic Wind Speed and Direction Sensor Production Value Market Share by Application (2021-2032)

8.3 Global Ultrasonic Wind Speed and Direction Sensor Price by Application (2021-2032)

9 Value Chain and Sales Channels Analysis of the Market

9.1 Ultrasonic Wind Speed and Direction Sensor Value Chain Analysis

9.1.1 Ultrasonic Wind Speed and Direction Sensor Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Ultrasonic Wind Speed and Direction Sensor Production Mode & Process

9.2 Ultrasonic Wind Speed and Direction Sensor Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Ultrasonic Wind Speed and Direction Sensor Distributors

9.2.3 Ultrasonic Wind Speed and Direction Sensor Customers

10 Global Ultrasonic Wind Speed and Direction Sensor Analyzing Market Dynamics

10.1 Ultrasonic Wind Speed and Direction Sensor Industry Trends

10.2 Ultrasonic Wind Speed and Direction Sensor Industry Drivers

10.3 Ultrasonic Wind Speed and Direction Sensor Industry Opportunities and Challenges

10.4 Ultrasonic Wind Speed and Direction Sensor Industry Restraints

11 Report Conclusion

12 Disclaimer

List of Tables and Figures

List of Tables:

- Table 1: Secondary Sources
- Table 2: Primary Sources
- Table 3: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 4: Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 5: Global Ultrasonic Wind Speed and Direction Sensor Production by Manufacturers (k units) & (2021-2026)
- Table 6: Global Ultrasonic Wind Speed and Direction Sensor Production Market Share by Manufacturers
- Table 7: Global Ultrasonic Wind Speed and Direction Sensor Production Value by Manufacturers (US\$ Million) & (2021-2026)
- Table 8: Global Ultrasonic Wind Speed and Direction Sensor Production Value Market Share by Manufacturers (2021-2026)
- Table 9: Global Ultrasonic Wind Speed and Direction Sensor Average Price (USD/unit) of Manufacturers (2021-2026)
- Table 10: Global Ultrasonic Wind Speed and Direction Sensor Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- Table 11: Global Ultrasonic Wind Speed and Direction Sensor Key Manufacturers, Manufacturing Sites & Headquarters
- Table 12: Global Ultrasonic Wind Speed and Direction Sensor Manufacturers, Product Type & Application
- Table 13: Global Ultrasonic Wind Speed and Direction Sensor Manufacturers Established Date
- Table 14: Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15: Global Ultrasonic Wind Speed and Direction Sensor by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2025)
- Table 16: Manufacturers Mergers & Acquisitions, Expansion Plans
- Table 17: Munro Instruments Company Information
- Table 18: Munro Instruments Business Overview
- Table 19: Munro Instruments Ultrasonic Wind Speed and Direction Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 20: Munro Instruments Ultrasonic Wind Speed and Direction Sensor Product Portfolio
- Table 21: Munro Instruments Recent Development
- Table 22: TECMES Company Information
- Table 23: TECMES Business Overview
- Table 24: TECMES Ultrasonic Wind Speed and Direction Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 25: TECMES Ultrasonic Wind Speed and Direction Sensor Product Portfolio
- Table 26: TECMES Recent Development
- Table 27: Gill Instruments Company Information
- Table 28: Gill Instruments Business Overview
- Table 29: Gill Instruments Ultrasonic Wind Speed and Direction Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 30: Gill Instruments Ultrasonic Wind Speed and Direction Sensor Product Portfolio
- Table 31: Gill Instruments Recent Development
- Table 32: Testo Company Information
- Table 33: Testo Business Overview
- Table 34: Testo Ultrasonic Wind Speed and Direction Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 35: Testo Ultrasonic Wind Speed and Direction Sensor Product Portfolio
- Table 36: Testo Recent Development
- Table 37: VWR Company Information
- Table 38: VWR Business Overview
- Table 39: VWR Ultrasonic Wind Speed and Direction Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 40: VWR Ultrasonic Wind Speed and Direction Sensor Product Portfolio
- Table 41: VWR Recent Development
- Table 42: La Crosse Technology Company Information
- Table 43: La Crosse Technology Business Overview
- Table 44: La Crosse Technology Ultrasonic Wind Speed and Direction Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 45: La Crosse Technology Ultrasonic Wind Speed and Direction Sensor Product Portfolio
- Table 46: La Crosse Technology Recent Development
- Table 47: Samson Automation Company Information
- Table 48: Samson Automation Business Overview

- Table 49: Samson Automation Ultrasonic Wind Speed and Direction Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 50: Samson Automation Ultrasonic Wind Speed and Direction Sensor Product Portfolio
- Table 51: Samson Automation Recent Development
- Table 52: Fluke Company Information
- Table 53: Fluke Business Overview
- Table 54: Fluke Ultrasonic Wind Speed and Direction Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 55: Fluke Ultrasonic Wind Speed and Direction Sensor Product Portfolio
- Table 56: Fluke Recent Development
- Table 57: Raj Thermometers Company Information
- Table 58: Raj Thermometers Business Overview
- Table 59: Raj Thermometers Ultrasonic Wind Speed and Direction Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 60: Raj Thermometers Ultrasonic Wind Speed and Direction Sensor Product Portfolio
- Table 61: Raj Thermometers Recent Development
- Table 62: Biral Company Information
- Table 63: Biral Business Overview
- Table 64: Biral Ultrasonic Wind Speed and Direction Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 65: Biral Ultrasonic Wind Speed and Direction Sensor Product Portfolio
- Table 66: Biral Recent Development
- Table 67: Kaizen Imperial Company Information
- Table 68: Kaizen Imperial Business Overview
- Table 69: Kaizen Imperial Ultrasonic Wind Speed and Direction Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 70: Kaizen Imperial Ultrasonic Wind Speed and Direction Sensor Product Portfolio
- Table 71: Kaizen Imperial Recent Development
- Table 72: Davis Instruments Company Information
- Table 73: Davis Instruments Business Overview
- Table 74: Davis Instruments Ultrasonic Wind Speed and Direction Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 75: Davis Instruments Ultrasonic Wind Speed and Direction Sensor Product Portfolio
- Table 76: Davis Instruments Recent Development
- Table 77: Vaisala Company Information
- Table 78: Vaisala Business Overview
- Table 79: Vaisala Ultrasonic Wind Speed and Direction Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 80: Vaisala Ultrasonic Wind Speed and Direction Sensor Product Portfolio
- Table 81: Vaisala Recent Development
- Table 82: CEM Company Information
- Table 83: CEM Business Overview
- Table 84: CEM Ultrasonic Wind Speed and Direction Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 85: CEM Ultrasonic Wind Speed and Direction Sensor Product Portfolio
- Table 86: CEM Recent Development
- Table 87: Hunan Rika Electronic Tech Company Information
- Table 88: Hunan Rika Electronic Tech Business Overview
- Table 89: Hunan Rika Electronic Tech Ultrasonic Wind Speed and Direction Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 90: Hunan Rika Electronic Tech Ultrasonic Wind Speed and Direction Sensor Product Portfolio
- Table 91: Hunan Rika Electronic Tech Recent Development
- Table 92: Shandong Renke Control Technology Company Information
- Table 93: Shandong Renke Control Technology Business Overview
- Table 94: Shandong Renke Control Technology Ultrasonic Wind Speed and Direction Sensor Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 95: Shandong Renke Control Technology Ultrasonic Wind Speed and Direction Sensor Product Portfolio
- Table 96: Shandong Renke Control Technology Recent Development
- Table 97: Global Ultrasonic Wind Speed and Direction Sensor Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Table 98: Global Ultrasonic Wind Speed and Direction Sensor Production by Region (2021-2026) & (k units)
- Table 99: Global Ultrasonic Wind Speed and Direction Sensor Production Market Share by Region (2021-2026)
- Table 100: Global Ultrasonic Wind Speed and Direction Sensor Production Forecast by Region (2027-2032) & (k units)
- Table 101: Global Ultrasonic Wind Speed and Direction Sensor Production Market Share Forecast by Region (2027-2032)
- Table 102: Global Ultrasonic Wind Speed and Direction Sensor Production Value Comparison by Region: 2021 VS 2025 VS

2032 (US\$ Million)

- Table 103: Global Ultrasonic Wind Speed and Direction Sensor Production Value by Region (2021-2026) & (US\$ Million)
- Table 104: Global Ultrasonic Wind Speed and Direction Sensor Production Value Market Share by Region (2021-2026)
- Table 105: Global Ultrasonic Wind Speed and Direction Sensor Production Value Forecast by Region (2027-2032) & (US\$ Million)
- Table 106: Global Ultrasonic Wind Speed and Direction Sensor Market Average Price (USD/unit) by Region (2021-2026)
- Table 107: Global Ultrasonic Wind Speed and Direction Sensor Market Average Price (USD/unit) by Region (2027-2032)
- Table 108: Global Ultrasonic Wind Speed and Direction Sensor Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Table 109: Global Ultrasonic Wind Speed and Direction Sensor Consumption by Region (2021-2026) & (k units)
- Table 110: Global Ultrasonic Wind Speed and Direction Sensor Consumption Market Share by Region (2021-2026)
- Table 111: Global Ultrasonic Wind Speed and Direction Sensor Forecasted Consumption by Region (2027-2032) & (k units)
- Table 112: Global Ultrasonic Wind Speed and Direction Sensor Forecasted Consumption Market Share by Region (2027-2032)
- Table 113: North America Ultrasonic Wind Speed and Direction Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 114: North America Ultrasonic Wind Speed and Direction Sensor Consumption by Country (2021-2026) & (k units)
- Table 115: North America Ultrasonic Wind Speed and Direction Sensor Consumption by Country (2027-2032) & (k units)
- Table 116: Europe Ultrasonic Wind Speed and Direction Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 117: Europe Ultrasonic Wind Speed and Direction Sensor Consumption by Country (2021-2026) & (k units)
- Table 118: Europe Ultrasonic Wind Speed and Direction Sensor Consumption by Country (2027-2032) & (k units)
- Table 119: Asia Pacific Ultrasonic Wind Speed and Direction Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 120: Asia Pacific Ultrasonic Wind Speed and Direction Sensor Consumption by Country (2021-2026) & (k units)
- Table 121: Asia Pacific Ultrasonic Wind Speed and Direction Sensor Consumption by Country (2027-2032) & (k units)
- Table 122: South America, Middle East & Africa Ultrasonic Wind Speed and Direction Sensor Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 123: South America, Middle East & Africa Ultrasonic Wind Speed and Direction Sensor Consumption by Country (2021-2026) & (k units)
- Table 124: South America, Middle East & Africa Ultrasonic Wind Speed and Direction Sensor Consumption by Country (2027-2032) & (k units)
- Table 125: Global Ultrasonic Wind Speed and Direction Sensor Production by Type (2021-2026) & (k units)
- Table 126: Global Ultrasonic Wind Speed and Direction Sensor Production by Type (2027-2032) & (k units)
- Table 127: Global Ultrasonic Wind Speed and Direction Sensor Production Market Share by Type (2021-2026)
- Table 128: Global Ultrasonic Wind Speed and Direction Sensor Production Market Share by Type (2027-2032)
- Table 129: Global Ultrasonic Wind Speed and Direction Sensor Production Value by Type (2021-2026) & (US\$ Million)
- Table 130: Global Ultrasonic Wind Speed and Direction Sensor Production Value by Type (2027-2032) & (US\$ Million)
- Table 131: Global Ultrasonic Wind Speed and Direction Sensor Production Value Market Share by Type (2021-2026)
- Table 132: Global Ultrasonic Wind Speed and Direction Sensor Production Value Market Share by Type (2027-2032)
- Table 133: Global Ultrasonic Wind Speed and Direction Sensor Price by Type (2021-2026) & (USD/unit)
- Table 134: Global Ultrasonic Wind Speed and Direction Sensor Price by Type (2027-2032) & (USD/unit)
- Table 135: Global Ultrasonic Wind Speed and Direction Sensor Production by Application (2021-2026) & (k units)
- Table 136: Global Ultrasonic Wind Speed and Direction Sensor Production by Application (2027-2032) & (k units)
- Table 137: Global Ultrasonic Wind Speed and Direction Sensor Production Market Share by Application (2021-2026)
- Table 138: Global Ultrasonic Wind Speed and Direction Sensor Production Market Share by Application (2027-2032)
- Table 139: Global Ultrasonic Wind Speed and Direction Sensor Production Value by Application (2021-2026) & (US\$ Million)
- Table 140: Global Ultrasonic Wind Speed and Direction Sensor Production Value by Application (2027-2032) & (US\$ Million)
- Table 141: Global Ultrasonic Wind Speed and Direction Sensor Production Value Market Share by Application (2021-2026)
- Table 142: Global Ultrasonic Wind Speed and Direction Sensor Production Value Market Share by Application (2027-2032)
- Table 143: Global Ultrasonic Wind Speed and Direction Sensor Price by Application (2021-2026) & (USD/unit)
- Table 144: Global Ultrasonic Wind Speed and Direction Sensor Price by Application (2027-2032) & (USD/unit)
- Table 145: Key Raw Materials
- Table 146: Raw Materials Key Suppliers
- Table 147: Ultrasonic Wind Speed and Direction Sensor Distributors List
- Table 148: Ultrasonic Wind Speed and Direction Sensor Customers List
- Table 149: Ultrasonic Wind Speed and Direction Sensor Industry Trends
- Table 150: Ultrasonic Wind Speed and Direction Sensor Industry Drivers
- Table 151: Ultrasonic Wind Speed and Direction Sensor Industry Restraints
- Table 152: Authors List of This Report

List of Figures:

- Figure 1: Research Methodology
- Figure 2: Research Process

- Figure 3: Key Executives Interviewed
- Figure 4: Ultrasonic Wind Speed and Direction Sensor Product Image
- Figure 5: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 6: 0 - 30 m/s Product Image
- Figure 7: 30 - 60 m/s Product Image
- Figure 8: Weather Stations Product Image
- Figure 9: Ship Navigation Product Image
- Figure 10: Aviation Product Image
- Figure 11: Other Product Image
- Figure 12: Global Ultrasonic Wind Speed and Direction Sensor Production Value (US\$ Million), 2021 VS 2025 VS 2032
- Figure 13: Global Ultrasonic Wind Speed and Direction Sensor Production Value (2021-2032) & (US\$ Million)
- Figure 14: Global Ultrasonic Wind Speed and Direction Sensor Production Capacity (2021-2032) & (k units)
- Figure 15: Global Ultrasonic Wind Speed and Direction Sensor Production (2021-2032) & (k units)
- Figure 16: Global Ultrasonic Wind Speed and Direction Sensor Average Price (USD/unit) & (2021-2032)
- Figure 17: Global Ultrasonic Wind Speed and Direction Sensor Key Manufacturers, Manufacturing Sites & Headquarters
- Figure 18: Global Top 5 and 10 Ultrasonic Wind Speed and Direction Sensor Players Market Share by Production Value in 2025
- Figure 19: Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 20: Global Ultrasonic Wind Speed and Direction Sensor Production Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 21: Global Ultrasonic Wind Speed and Direction Sensor Production Market Share by Region: 2021 VS 2025 VS 2032
- Figure 22: Global Ultrasonic Wind Speed and Direction Sensor Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 23: Global Ultrasonic Wind Speed and Direction Sensor Production Value Market Share by Region: 2021 VS 2025 VS 2032
- Figure 24: North America Ultrasonic Wind Speed and Direction Sensor Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 25: Europe Ultrasonic Wind Speed and Direction Sensor Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 26: China Ultrasonic Wind Speed and Direction Sensor Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 27: Japan Ultrasonic Wind Speed and Direction Sensor Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 28: South Korea Ultrasonic Wind Speed and Direction Sensor Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 29: Global Ultrasonic Wind Speed and Direction Sensor Consumption Comparison by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 30: Global Ultrasonic Wind Speed and Direction Sensor Consumption Market Share by Region: 2021 VS 2025 VS 2032
- Figure 31: North America Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 32: North America Ultrasonic Wind Speed and Direction Sensor Consumption Market Share by Country (2021-2032)
- Figure 33: United States Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 34: United States Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 35: Canada Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 36: Mexico Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 37: Europe Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 38: Europe Ultrasonic Wind Speed and Direction Sensor Consumption Market Share by Country (2021-2032)
- Figure 39: Germany Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 40: France Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 41: U.K. Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 42: Italy Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 43: Russia Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 44: Spain Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 45: Netherlands Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 46: Switzerland Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 47: Sweden Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 48: Poland Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 49: Asia Pacific Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 50: Asia Pacific Ultrasonic Wind Speed and Direction Sensor Consumption Market Share by Country (2021-2032)
- Figure 51: China Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 52: Japan Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 53: South Korea Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 54: India Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 55: Australia Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 56: Taiwan Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 57: Southeast Asia Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 58: South America, Middle East & Africa Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 59: South America, Middle East & Africa Ultrasonic Wind Speed and Direction Sensor Consumption Market Share by

Country (2021-2032)

- Figure 60: Brazil Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 61: Argentina Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 62: Chile Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 63: Turkey Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 64: GCC Countries Ultrasonic Wind Speed and Direction Sensor Consumption and Growth Rate (2021-2032) & (k units)
- Figure 65: Global Ultrasonic Wind Speed and Direction Sensor Production Market Share by Type (2021-2032)
- Figure 66: Global Ultrasonic Wind Speed and Direction Sensor Production Value Market Share by Type (2021-2032)
- Figure 67: Global Ultrasonic Wind Speed and Direction Sensor Price (USD/unit) by Type (2021-2032)
- Figure 68: Global Ultrasonic Wind Speed and Direction Sensor Production Market Share by Application (2021-2032)
- Figure 69: Global Ultrasonic Wind Speed and Direction Sensor Production Value Market Share by Application (2021-2032)
- Figure 70: Global Ultrasonic Wind Speed and Direction Sensor Price (USD/unit) by Application (2021-2032)
- Figure 71: Ultrasonic Wind Speed and Direction Sensor Value Chain
- Figure 72: Ultrasonic Wind Speed and Direction Sensor Production Mode & Process
- Figure 73: Direct Comparison with Distribution Share
- Figure 74: Distributors Profiles
- Figure 75: Ultrasonic Wind Speed and Direction Sensor Industry Opportunities and Challenges