

# Global Autonomous Water Sampling and Monitoring Boat Supply, Demand and Key Producers, 2024-2030

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# **Abstracts**

The global Autonomous Water Sampling and Monitoring Boat market size is expected to reach \$ million by 2030, rising at a market growth of % CAGR during the forecast period (2024-2030).

The industry trend for autonomous water sampling and monitoring boats is driven by the increasing demand for efficient and cost-effective solutions in environmental monitoring. Advances in robotics, sensor technologies, and data analytics are enhancing the capabilities of these autonomous boats, enabling more accurate and comprehensive water quality assessments. The integration of artificial intelligence and machine learning facilitates real-time data analysis and decision-making. As concerns about water resource management and environmental conservation grow, the industry is witnessing a rise in the development and adoption of sophisticated autonomous systems for effective water monitoring and management.

Autonomous water sampling and monitoring boat is an unmanned watercraft equipped with sensors and sampling devices designed for the automated collection of water quality data. These boats are programmed to navigate water bodies autonomously, collecting samples, and monitoring parameters such as temperature, pH, and pollutant levels. They play a crucial role in environmental research, helping scientists and researchers efficiently gather data for water quality assessment, ecosystem monitoring, and pollution control.

This report studies the global Autonomous Water Sampling and Monitoring Boat production, demand, key manufacturers, and key regions.

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



Autonomous Water Sampling and Monitoring Boat, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2023 as the base year. This report explores demand trends and competition, as well as details the characteristics of Autonomous Water Sampling and Monitoring Boat that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Autonomous Water Sampling and Monitoring Boat total production and demand, 2019-2030, (K Units)

Global Autonomous Water Sampling and Monitoring Boat total production value, 2019-2030, (USD Million)

Global Autonomous Water Sampling and Monitoring Boat production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (K Units)

Global Autonomous Water Sampling and Monitoring Boat consumption by region & country, CAGR, 2019-2030 & (K Units)

U.S. VS China: Autonomous Water Sampling and Monitoring Boat domestic production, consumption, key domestic manufacturers and share

Global Autonomous Water Sampling and Monitoring Boat production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (K Units)

Global Autonomous Water Sampling and Monitoring Boat production by Type, production, value, CAGR, 2019-2030, (USD Million) & (K Units)

Global Autonomous Water Sampling and Monitoring Boat production by Application production, value, CAGR, 2019-2030, (USD Million) & (K Units).

This reports profiles key players in the global Autonomous Water Sampling and Monitoring Boat 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 Oceanalpha, Hydrolab, Aimil Ltd, Unmanned Systems Technology, KORBI, Focused Photonics, Zhuhai Yunzhou Intelligence Technology, Tianjin Tianhang Zhiyuan Technology and Zhao Hai Bao, 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 Autonomous Water Sampling and Monitoring Boat market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2019-2030 by year with 2023 as the base year, 2024 as the estimate year, and 2025-2030 as the forecast year.

Global Autonomous Water Sampling and Monitoring Boat Market, By Region:

United States		
China		
Europe		
Japan		
South Korea		
ASEAN		
India		
Rest of World		

Global Autonomous Water Sampling and Monitoring Boat Market, Segmentation by Type

Monohull Type



# Catamaran Type

Global Autonomous	Water Sampling	and Monitoring	Boat Market,	Segmentation	οу
Application					

Global Applica	Autonomous Water Sampling and Monitoring Boat Market, Segmentation
	Fresh Water Testing
	Seawater Testing
Compa	nies Profiled:
	Oceanalpha
	Hydrolab
	Aimil Ltd
	Unmanned Systems Technology
	KORBI
	Focused Photonics
	Zhuhai Yunzhou Intelligence Technology
	Tianjin Tianhang Zhiyuan Technology
	Zhao Hai Bao
	Atta
	Xuedou Tech
	JiangSu Chainsong Technology

Four-Faith



# Nanjing Scan Space

# Key Questions Answered

- 1. How big is the global Autonomous Water Sampling and Monitoring Boat market?
- 2. What is the demand of the global Autonomous Water Sampling and Monitoring Boat market?
- 3. What is the year over year growth of the global Autonomous Water Sampling and Monitoring Boat market?
- 4. What is the production and production value of the global Autonomous Water Sampling and Monitoring Boat market?
- 5. Who are the key producers in the global Autonomous Water Sampling and Monitoring Boat market?



# **Contents**

### **1 SUPPLY SUMMARY**

- 1.1 Autonomous Water Sampling and Monitoring Boat Introduction
- 1.2 World Autonomous Water Sampling and Monitoring Boat Supply & Forecast
- 1.2.1 World Autonomous Water Sampling and Monitoring Boat Production Value (2019 & 2023 & 2030)
  - 1.2.2 World Autonomous Water Sampling and Monitoring Boat Production (2019-2030)
- 1.2.3 World Autonomous Water Sampling and Monitoring Boat Pricing Trends (2019-2030)
- 1.3 World Autonomous Water Sampling and Monitoring Boat Production by Region (Based on Production Site)
- 1.3.1 World Autonomous Water Sampling and Monitoring Boat Production Value by Region (2019-2030)
- 1.3.2 World Autonomous Water Sampling and Monitoring Boat Production by Region (2019-2030)
- 1.3.3 World Autonomous Water Sampling and Monitoring Boat Average Price by Region (2019-2030)
- 1.3.4 North America Autonomous Water Sampling and Monitoring Boat Production (2019-2030)
- 1.3.5 Europe Autonomous Water Sampling and Monitoring Boat Production (2019-2030)
  - 1.3.6 China Autonomous Water Sampling and Monitoring Boat Production (2019-2030)
- 1.3.7 Japan Autonomous Water Sampling and Monitoring Boat Production (2019-2030)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Autonomous Water Sampling and Monitoring Boat Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Autonomous Water Sampling and Monitoring Boat Major Market Trends

#### **2 DEMAND SUMMARY**

- 2.1 World Autonomous Water Sampling and Monitoring Boat Demand (2019-2030)
- 2.2 World Autonomous Water Sampling and Monitoring Boat Consumption by Region
- 2.2.1 World Autonomous Water Sampling and Monitoring Boat Consumption by Region (2019-2024)
- 2.2.2 World Autonomous Water Sampling and Monitoring Boat Consumption Forecast by Region (2025-2030)



- 2.3 United States Autonomous Water Sampling and Monitoring Boat Consumption (2019-2030)
- 2.4 China Autonomous Water Sampling and Monitoring Boat Consumption (2019-2030)
- 2.5 Europe Autonomous Water Sampling and Monitoring Boat Consumption (2019-2030)
- 2.6 Japan Autonomous Water Sampling and Monitoring Boat Consumption (2019-2030)
- 2.7 South Korea Autonomous Water Sampling and Monitoring Boat Consumption (2019-2030)
- 2.8 ASEAN Autonomous Water Sampling and Monitoring Boat Consumption (2019-2030)
- 2.9 India Autonomous Water Sampling and Monitoring Boat Consumption (2019-2030)

# 3 WORLD AUTONOMOUS WATER SAMPLING AND MONITORING BOAT MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Autonomous Water Sampling and Monitoring Boat Production Value by Manufacturer (2019-2024)
- 3.2 World Autonomous Water Sampling and Monitoring Boat Production by Manufacturer (2019-2024)
- 3.3 World Autonomous Water Sampling and Monitoring Boat Average Price by Manufacturer (2019-2024)
- 3.4 Autonomous Water Sampling and Monitoring Boat Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
- 3.5.1 Global Autonomous Water Sampling and Monitoring Boat Industry Rank of Major Manufacturers
- 3.5.2 Global Concentration Ratios (CR4) for Autonomous Water Sampling and Monitoring Boat in 2023
- 3.5.3 Global Concentration Ratios (CR8) for Autonomous Water Sampling and Monitoring Boat in 2023
- 3.6 Autonomous Water Sampling and Monitoring Boat Market: Overall Company Footprint Analysis
  - 3.6.1 Autonomous Water Sampling and Monitoring Boat Market: Region Footprint
- 3.6.2 Autonomous Water Sampling and Monitoring Boat Market: Company Product Type Footprint
- 3.6.3 Autonomous Water Sampling and Monitoring Boat 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: Autonomous Water Sampling and Monitoring Boat Production Value Comparison
- 4.1.1 United States VS China: Autonomous Water Sampling and Monitoring Boat Production Value Comparison (2019 & 2023 & 2030)
- 4.1.2 United States VS China: Autonomous Water Sampling and Monitoring Boat Production Value Market Share Comparison (2019 & 2023 & 2030)
- 4.2 United States VS China: Autonomous Water Sampling and Monitoring Boat Production Comparison
- 4.2.1 United States VS China: Autonomous Water Sampling and Monitoring Boat Production Comparison (2019 & 2023 & 2030)
- 4.2.2 United States VS China: Autonomous Water Sampling and Monitoring Boat Production Market Share Comparison (2019 & 2023 & 2030)
- 4.3 United States VS China: Autonomous Water Sampling and Monitoring Boat Consumption Comparison
- 4.3.1 United States VS China: Autonomous Water Sampling and Monitoring Boat Consumption Comparison (2019 & 2023 & 2030)
- 4.3.2 United States VS China: Autonomous Water Sampling and Monitoring Boat Consumption Market Share Comparison (2019 & 2023 & 2030)
- 4.4 United States Based Autonomous Water Sampling and Monitoring Boat Manufacturers and Market Share, 2019-2024
- 4.4.1 United States Based Autonomous Water Sampling and Monitoring Boat Manufacturers, Headquarters and Production Site (States, Country)
- 4.4.2 United States Based Manufacturers Autonomous Water Sampling and Monitoring Boat Production Value (2019-2024)
- 4.4.3 United States Based Manufacturers Autonomous Water Sampling and Monitoring Boat Production (2019-2024)
- 4.5 China Based Autonomous Water Sampling and Monitoring Boat Manufacturers and Market Share
- 4.5.1 China Based Autonomous Water Sampling and Monitoring Boat Manufacturers, Headquarters and Production Site (Province, Country)
- 4.5.2 China Based Manufacturers Autonomous Water Sampling and Monitoring Boat Production Value (2019-2024)
  - 4.5.3 China Based Manufacturers Autonomous Water Sampling and Monitoring Boat



Production (2019-2024)

- 4.6 Rest of World Based Autonomous Water Sampling and Monitoring Boat Manufacturers and Market Share, 2019-2024
- 4.6.1 Rest of World Based Autonomous Water Sampling and Monitoring Boat Manufacturers, Headquarters and Production Site (State, Country)
- 4.6.2 Rest of World Based Manufacturers Autonomous Water Sampling and Monitoring Boat Production Value (2019-2024)
- 4.6.3 Rest of World Based Manufacturers Autonomous Water Sampling and Monitoring Boat Production (2019-2024)

#### **5 MARKET ANALYSIS BY TYPE**

- 5.1 World Autonomous Water Sampling and Monitoring Boat Market Size Overview by Type: 2019 VS 2023 VS 2030
- 5.2 Segment Introduction by Type
  - 5.2.1 Monohull Type
  - 5.2.2 Catamaran Type
- 5.3 Market Segment by Type
- 5.3.1 World Autonomous Water Sampling and Monitoring Boat Production by Type (2019-2030)
- 5.3.2 World Autonomous Water Sampling and Monitoring Boat Production Value by Type (2019-2030)
- 5.3.3 World Autonomous Water Sampling and Monitoring Boat Average Price by Type (2019-2030)

## **6 MARKET ANALYSIS BY APPLICATION**

- 6.1 World Autonomous Water Sampling and Monitoring Boat Market Size Overview by Application: 2019 VS 2023 VS 2030
- 6.2 Segment Introduction by Application
  - 6.2.1 Fresh Water Testing
- 6.2.2 Seawater Testing
- 6.3 Market Segment by Application
- 6.3.1 World Autonomous Water Sampling and Monitoring Boat Production by Application (2019-2030)
- 6.3.2 World Autonomous Water Sampling and Monitoring Boat Production Value by Application (2019-2030)
- 6.3.3 World Autonomous Water Sampling and Monitoring Boat Average Price by Application (2019-2030)



#### 7 COMPANY PROFILES

- 7.1 Oceanalpha
  - 7.1.1 Oceanalpha Details
  - 7.1.2 Oceanalpha Major Business
- 7.1.3 Oceanalpha Autonomous Water Sampling and Monitoring Boat Product and Services
- 7.1.4 Oceanalpha Autonomous Water Sampling and Monitoring Boat Production,

Price, Value, Gross Margin and Market Share (2019-2024)

- 7.1.5 Oceanalpha Recent Developments/Updates
- 7.1.6 Oceanalpha Competitive Strengths & Weaknesses
- 7.2 Hydrolab
  - 7.2.1 Hydrolab Details
  - 7.2.2 Hydrolab Major Business
- 7.2.3 Hydrolab Autonomous Water Sampling and Monitoring Boat Product and Services
- 7.2.4 Hydrolab Autonomous Water Sampling and Monitoring Boat Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.2.5 Hydrolab Recent Developments/Updates
  - 7.2.6 Hydrolab Competitive Strengths & Weaknesses
- 7.3 Aimil Ltd
  - 7.3.1 Aimil Ltd Details
  - 7.3.2 Aimil Ltd Major Business
- 7.3.3 Aimil Ltd Autonomous Water Sampling and Monitoring Boat Product and Services
- 7.3.4 Aimil Ltd Autonomous Water Sampling and Monitoring Boat Production, Price, Value, Gross Margin and Market Share (2019-2024)
- 7.3.5 Aimil Ltd Recent Developments/Updates
- 7.3.6 Aimil Ltd Competitive Strengths & Weaknesses
- 7.4 Unmanned Systems Technology
  - 7.4.1 Unmanned Systems Technology Details
  - 7.4.2 Unmanned Systems Technology Major Business
- 7.4.3 Unmanned Systems Technology Autonomous Water Sampling and Monitoring Boat Product and Services
- 7.4.4 Unmanned Systems Technology Autonomous Water Sampling and Monitoring Boat Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.4.5 Unmanned Systems Technology Recent Developments/Updates
- 7.4.6 Unmanned Systems Technology Competitive Strengths & Weaknesses



#### **7.5 KORBI**

- 7.5.1 KORBI Details
- 7.5.2 KORBI Major Business
- 7.5.3 KORBI Autonomous Water Sampling and Monitoring Boat Product and Services
- 7.5.4 KORBI Autonomous Water Sampling and Monitoring Boat Production, Price,

Value, Gross Margin and Market Share (2019-2024)

- 7.5.5 KORBI Recent Developments/Updates
- 7.5.6 KORBI Competitive Strengths & Weaknesses
- 7.6 Focused Photonics
  - 7.6.1 Focused Photonics Details
  - 7.6.2 Focused Photonics Major Business
- 7.6.3 Focused Photonics Autonomous Water Sampling and Monitoring Boat Product and Services
  - 7.6.4 Focused Photonics Autonomous Water Sampling and Monitoring Boat

Production, Price, Value, Gross Margin and Market Share (2019-2024)

- 7.6.5 Focused Photonics Recent Developments/Updates
- 7.6.6 Focused Photonics Competitive Strengths & Weaknesses
- 7.7 Zhuhai Yunzhou Intelligence Technology
  - 7.7.1 Zhuhai Yunzhou Intelligence Technology Details
  - 7.7.2 Zhuhai Yunzhou Intelligence Technology Major Business
- 7.7.3 Zhuhai Yunzhou Intelligence Technology Autonomous Water Sampling and Monitoring Boat Product and Services
- 7.7.4 Zhuhai Yunzhou Intelligence Technology Autonomous Water Sampling and Monitoring Boat Production, Price, Value, Gross Margin and Market Share (2019-2024)
- 7.7.5 Zhuhai Yunzhou Intelligence Technology Recent Developments/Updates
- 7.7.6 Zhuhai Yunzhou Intelligence Technology Competitive Strengths & Weaknesses
- 7.8 Tianjin Tianhang Zhiyuan Technology
  - 7.8.1 Tianjin Tianhang Zhiyuan Technology Details
  - 7.8.2 Tianjin Tianhang Zhiyuan Technology Major Business
- 7.8.3 Tianjin Tianhang Zhiyuan Technology Autonomous Water Sampling and Monitoring Boat Product and Services
- 7.8.4 Tianjin Tianhang Zhiyuan Technology Autonomous Water Sampling and Monitoring Boat Production, Price, Value, Gross Margin and Market Share (2019-2024)
- 7.8.5 Tianjin Tianhang Zhiyuan Technology Recent Developments/Updates
- 7.8.6 Tianjin Tianhang Zhiyuan Technology Competitive Strengths & Weaknesses
- 7.9 Zhao Hai Bao
  - 7.9.1 Zhao Hai Bao Details
  - 7.9.2 Zhao Hai Bao Major Business
- 7.9.3 Zhao Hai Bao Autonomous Water Sampling and Monitoring Boat Product and



#### Services

- 7.9.4 Zhao Hai Bao Autonomous Water Sampling and Monitoring Boat Production,
- Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.9.5 Zhao Hai Bao Recent Developments/Updates
- 7.9.6 Zhao Hai Bao Competitive Strengths & Weaknesses
- 7.10 Atta
  - 7.10.1 Atta Details
  - 7.10.2 Atta Major Business
  - 7.10.3 Atta Autonomous Water Sampling and Monitoring Boat Product and Services
  - 7.10.4 Atta Autonomous Water Sampling and Monitoring Boat Production, Price,
- Value, Gross Margin and Market Share (2019-2024)
  - 7.10.5 Atta Recent Developments/Updates
  - 7.10.6 Atta Competitive Strengths & Weaknesses
- 7.11 Xuedou Tech
  - 7.11.1 Xuedou Tech Details
  - 7.11.2 Xuedou Tech Major Business
- 7.11.3 Xuedou Tech Autonomous Water Sampling and Monitoring Boat Product and Services
- 7.11.4 Xuedou Tech Autonomous Water Sampling and Monitoring Boat Production,
- Price, Value, Gross Margin and Market Share (2019-2024)
- 7.11.5 Xuedou Tech Recent Developments/Updates
- 7.11.6 Xuedou Tech Competitive Strengths & Weaknesses
- 7.12 JiangSu Chainsong Technology
  - 7.12.1 JiangSu Chainsong Technology Details
  - 7.12.2 JiangSu Chainsong Technology Major Business
- 7.12.3 JiangSu Chainsong Technology Autonomous Water Sampling and Monitoring Boat Product and Services
- 7.12.4 JiangSu Chainsong Technology Autonomous Water Sampling and Monitoring Boat Production, Price, Value, Gross Margin and Market Share (2019-2024)
- 7.12.5 JiangSu Chainsong Technology Recent Developments/Updates
- 7.12.6 JiangSu Chainsong Technology Competitive Strengths & Weaknesses
- 7.13 Four-Faith
  - 7.13.1 Four-Faith Details
  - 7.13.2 Four-Faith Major Business
- 7.13.3 Four-Faith Autonomous Water Sampling and Monitoring Boat Product and Services
- 7.13.4 Four-Faith Autonomous Water Sampling and Monitoring Boat Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.13.5 Four-Faith Recent Developments/Updates



- 7.13.6 Four-Faith Competitive Strengths & Weaknesses
- 7.14 Nanjing Scan Space
  - 7.14.1 Nanjing Scan Space Details
  - 7.14.2 Nanjing Scan Space Major Business
- 7.14.3 Nanjing Scan Space Autonomous Water Sampling and Monitoring Boat Product and Services
- 7.14.4 Nanjing Scan Space Autonomous Water Sampling and Monitoring Boat Production, Price, Value, Gross Margin and Market Share (2019-2024)
- 7.14.5 Nanjing Scan Space Recent Developments/Updates
- 7.14.6 Nanjing Scan Space Competitive Strengths & Weaknesses

#### **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 Autonomous Water Sampling and Monitoring Boat Industry Chain
- 8.2 Autonomous Water Sampling and Monitoring Boat Upstream Analysis
  - 8.2.1 Autonomous Water Sampling and Monitoring Boat Core Raw Materials
- 8.2.2 Main Manufacturers of Autonomous Water Sampling and Monitoring Boat Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 Autonomous Water Sampling and Monitoring Boat Production Mode
- 8.6 Autonomous Water Sampling and Monitoring Boat Procurement Model
- 8.7 Autonomous Water Sampling and Monitoring Boat Industry Sales Model and Sales Channels
  - 8.7.1 Autonomous Water Sampling and Monitoring Boat Sales Model
  - 8.7.2 Autonomous Water Sampling and Monitoring Boat Typical Customers

#### 9 RESEARCH FINDINGS AND CONCLUSION

# **10 APPENDIX**

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer



# **List Of Tables**

#### LIST OF TABLES

- Table 1. World Autonomous Water Sampling and Monitoring Boat Production Value by Region (2019, 2023 and 2030) & (USD Million)
- Table 2. World Autonomous Water Sampling and Monitoring Boat Production Value by Region (2019-2024) & (USD Million)
- Table 3. World Autonomous Water Sampling and Monitoring Boat Production Value by Region (2025-2030) & (USD Million)
- Table 4. World Autonomous Water Sampling and Monitoring Boat Production Value Market Share by Region (2019-2024)
- Table 5. World Autonomous Water Sampling and Monitoring Boat Production Value Market Share by Region (2025-2030)
- Table 6. World Autonomous Water Sampling and Monitoring Boat Production by Region (2019-2024) & (K Units)
- Table 7. World Autonomous Water Sampling and Monitoring Boat Production by Region (2025-2030) & (K Units)
- Table 8. World Autonomous Water Sampling and Monitoring Boat Production Market Share by Region (2019-2024)
- Table 9. World Autonomous Water Sampling and Monitoring Boat Production Market Share by Region (2025-2030)
- Table 10. World Autonomous Water Sampling and Monitoring Boat Average Price by Region (2019-2024) & (US\$/Unit)
- Table 11. World Autonomous Water Sampling and Monitoring Boat Average Price by Region (2025-2030) & (US\$/Unit)
- Table 12. Autonomous Water Sampling and Monitoring Boat Major Market Trends
- Table 13. World Autonomous Water Sampling and Monitoring Boat Consumption Growth Rate Forecast by Region (2019 & 2023 & 2030) & (K Units)
- Table 14. World Autonomous Water Sampling and Monitoring Boat Consumption by Region (2019-2024) & (K Units)
- Table 15. World Autonomous Water Sampling and Monitoring Boat Consumption Forecast by Region (2025-2030) & (K Units)
- Table 16. World Autonomous Water Sampling and Monitoring Boat Production Value by Manufacturer (2019-2024) & (USD Million)
- Table 17. Production Value Market Share of Key Autonomous Water Sampling and Monitoring Boat Producers in 2023
- Table 18. World Autonomous Water Sampling and Monitoring Boat Production by Manufacturer (2019-2024) & (K Units)



- Table 19. Production Market Share of Key Autonomous Water Sampling and Monitoring Boat Producers in 2023
- Table 20. World Autonomous Water Sampling and Monitoring Boat Average Price by Manufacturer (2019-2024) & (US\$/Unit)
- Table 21. Global Autonomous Water Sampling and Monitoring Boat Company Evaluation Quadrant
- Table 22. World Autonomous Water Sampling and Monitoring Boat Industry Rank of Major Manufacturers, Based on Production Value in 2023
- Table 23. Head Office and Autonomous Water Sampling and Monitoring Boat Production Site of Key Manufacturer
- Table 24. Autonomous Water Sampling and Monitoring Boat Market: Company Product Type Footprint
- Table 25. Autonomous Water Sampling and Monitoring Boat Market: Company Product Application Footprint
- Table 26. Autonomous Water Sampling and Monitoring Boat Competitive Factors
- Table 27. Autonomous Water Sampling and Monitoring Boat New Entrant and Capacity Expansion Plans
- Table 28. Autonomous Water Sampling and Monitoring Boat Mergers & Acquisitions Activity
- Table 29. United States VS China Autonomous Water Sampling and Monitoring Boat Production Value Comparison, (2019 & 2023 & 2030) & (USD Million)
- Table 30. United States VS China Autonomous Water Sampling and Monitoring Boat Production Comparison, (2019 & 2023 & 2030) & (K Units)
- Table 31. United States VS China Autonomous Water Sampling and Monitoring Boat Consumption Comparison, (2019 & 2023 & 2030) & (K Units)
- Table 32. United States Based Autonomous Water Sampling and Monitoring Boat Manufacturers, Headquarters and Production Site (States, Country)
- Table 33. United States Based Manufacturers Autonomous Water Sampling and Monitoring Boat Production Value, (2019-2024) & (USD Million)
- Table 34. United States Based Manufacturers Autonomous Water Sampling and Monitoring Boat Production Value Market Share (2019-2024)
- Table 35. United States Based Manufacturers Autonomous Water Sampling and Monitoring Boat Production (2019-2024) & (K Units)
- Table 36. United States Based Manufacturers Autonomous Water Sampling and Monitoring Boat Production Market Share (2019-2024)
- Table 37. China Based Autonomous Water Sampling and Monitoring Boat Manufacturers, Headquarters and Production Site (Province, Country)
- Table 38. China Based Manufacturers Autonomous Water Sampling and Monitoring Boat Production Value, (2019-2024) & (USD Million)



- Table 39. China Based Manufacturers Autonomous Water Sampling and Monitoring Boat Production Value Market Share (2019-2024)
- Table 40. China Based Manufacturers Autonomous Water Sampling and Monitoring Boat Production (2019-2024) & (K Units)
- Table 41. China Based Manufacturers Autonomous Water Sampling and Monitoring Boat Production Market Share (2019-2024)
- Table 42. Rest of World Based Autonomous Water Sampling and Monitoring Boat Manufacturers, Headquarters and Production Site (States, Country)
- Table 43. Rest of World Based Manufacturers Autonomous Water Sampling and Monitoring Boat Production Value, (2019-2024) & (USD Million)
- Table 44. Rest of World Based Manufacturers Autonomous Water Sampling and Monitoring Boat Production Value Market Share (2019-2024)
- Table 45. Rest of World Based Manufacturers Autonomous Water Sampling and Monitoring Boat Production (2019-2024) & (K Units)
- Table 46. Rest of World Based Manufacturers Autonomous Water Sampling and Monitoring Boat Production Market Share (2019-2024)
- Table 47. World Autonomous Water Sampling and Monitoring Boat Production Value by Type, (USD Million), 2019 & 2023 & 2030
- Table 48. World Autonomous Water Sampling and Monitoring Boat Production by Type (2019-2024) & (K Units)
- Table 49. World Autonomous Water Sampling and Monitoring Boat Production by Type (2025-2030) & (K Units)
- Table 50. World Autonomous Water Sampling and Monitoring Boat Production Value by Type (2019-2024) & (USD Million)
- Table 51. World Autonomous Water Sampling and Monitoring Boat Production Value by Type (2025-2030) & (USD Million)
- Table 52. World Autonomous Water Sampling and Monitoring Boat Average Price by Type (2019-2024) & (US\$/Unit)
- Table 53. World Autonomous Water Sampling and Monitoring Boat Average Price by Type (2025-2030) & (US\$/Unit)
- Table 54. World Autonomous Water Sampling and Monitoring Boat Production Value by Application, (USD Million), 2019 & 2023 & 2030
- Table 55. World Autonomous Water Sampling and Monitoring Boat Production by Application (2019-2024) & (K Units)
- Table 56. World Autonomous Water Sampling and Monitoring Boat Production by Application (2025-2030) & (K Units)
- Table 57. World Autonomous Water Sampling and Monitoring Boat Production Value by Application (2019-2024) & (USD Million)
- Table 58. World Autonomous Water Sampling and Monitoring Boat Production Value by



Application (2025-2030) & (USD Million)

Table 59. World Autonomous Water Sampling and Monitoring Boat Average Price by Application (2019-2024) & (US\$/Unit)

Table 60. World Autonomous Water Sampling and Monitoring Boat Average Price by Application (2025-2030) & (US\$/Unit)

Table 61. Oceanalpha Basic Information, Manufacturing Base and Competitors

Table 62. Oceanalpha Major Business

Table 63. Oceanalpha Autonomous Water Sampling and Monitoring Boat Product and Services

Table 64. Oceanalpha Autonomous Water Sampling and Monitoring Boat Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 65. Oceanalpha Recent Developments/Updates

Table 66. Oceanalpha Competitive Strengths & Weaknesses

Table 67. Hydrolab Basic Information, Manufacturing Base and Competitors

Table 68. Hydrolab Major Business

Table 69. Hydrolab Autonomous Water Sampling and Monitoring Boat Product and Services

Table 70. Hydrolab Autonomous Water Sampling and Monitoring Boat Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 71. Hydrolab Recent Developments/Updates

Table 72. Hydrolab Competitive Strengths & Weaknesses

Table 73. Aimil Ltd Basic Information, Manufacturing Base and Competitors

Table 74. Aimil Ltd Major Business

Table 75. Aimil Ltd Autonomous Water Sampling and Monitoring Boat Product and Services

Table 76. Aimil Ltd Autonomous Water Sampling and Monitoring Boat Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 77. Aimil Ltd Recent Developments/Updates

Table 78. Aimil Ltd Competitive Strengths & Weaknesses

Table 79. Unmanned Systems Technology Basic Information, Manufacturing Base and Competitors

Table 80. Unmanned Systems Technology Major Business

Table 81. Unmanned Systems Technology Autonomous Water Sampling and Monitoring Boat Product and Services

Table 82. Unmanned Systems Technology Autonomous Water Sampling and Monitoring Boat Production (K Units), Price (US\$/Unit), Production Value (USD Million),



- Gross Margin and Market Share (2019-2024)
- Table 83. Unmanned Systems Technology Recent Developments/Updates
- Table 84. Unmanned Systems Technology Competitive Strengths & Weaknesses
- Table 85. KORBI Basic Information, Manufacturing Base and Competitors
- Table 86. KORBI Major Business
- Table 87. KORBI Autonomous Water Sampling and Monitoring Boat Product and Services
- Table 88. KORBI Autonomous Water Sampling and Monitoring Boat Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 89. KORBI Recent Developments/Updates
- Table 90. KORBI Competitive Strengths & Weaknesses
- Table 91. Focused Photonics Basic Information, Manufacturing Base and Competitors
- Table 92. Focused Photonics Major Business
- Table 93. Focused Photonics Autonomous Water Sampling and Monitoring Boat Product and Services
- Table 94. Focused Photonics Autonomous Water Sampling and Monitoring Boat Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 95. Focused Photonics Recent Developments/Updates
- Table 96. Focused Photonics Competitive Strengths & Weaknesses
- Table 97. Zhuhai Yunzhou Intelligence Technology Basic Information, Manufacturing Base and Competitors
- Table 98. Zhuhai Yunzhou Intelligence Technology Major Business
- Table 99. Zhuhai Yunzhou Intelligence Technology Autonomous Water Sampling and Monitoring Boat Product and Services
- Table 100. Zhuhai Yunzhou Intelligence Technology Autonomous Water Sampling and Monitoring Boat Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 101. Zhuhai Yunzhou Intelligence Technology Recent Developments/Updates
- Table 102. Zhuhai Yunzhou Intelligence Technology Competitive Strengths & Weaknesses
- Table 103. Tianjin Tianhang Zhiyuan Technology Basic Information, Manufacturing Base and Competitors
- Table 104. Tianjin Tianhang Zhiyuan Technology Major Business
- Table 105. Tianjin Tianhang Zhiyuan Technology Autonomous Water Sampling and Monitoring Boat Product and Services
- Table 106. Tianjin Tianhang Zhiyuan Technology Autonomous Water Sampling and Monitoring Boat Production (K Units), Price (US\$/Unit), Production Value (USD Million),



Gross Margin and Market Share (2019-2024)

Table 107. Tianjin Tianhang Zhiyuan Technology Recent Developments/Updates

Table 108. Tianjin Tianhang Zhiyuan Technology Competitive Strengths & Weaknesses

Table 109. Zhao Hai Bao Basic Information, Manufacturing Base and Competitors

Table 110. Zhao Hai Bao Major Business

Table 111. Zhao Hai Bao Autonomous Water Sampling and Monitoring Boat Product and Services

Table 112. Zhao Hai Bao Autonomous Water Sampling and Monitoring Boat Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 113. Zhao Hai Bao Recent Developments/Updates

Table 114. Zhao Hai Bao Competitive Strengths & Weaknesses

Table 115. Atta Basic Information, Manufacturing Base and Competitors

Table 116. Atta Major Business

Table 117. Atta Autonomous Water Sampling and Monitoring Boat Product and Services

Table 118. Atta Autonomous Water Sampling and Monitoring Boat Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 119. Atta Recent Developments/Updates

Table 120. Atta Competitive Strengths & Weaknesses

Table 121. Xuedou Tech Basic Information, Manufacturing Base and Competitors

Table 122. Xuedou Tech Major Business

Table 123. Xuedou Tech Autonomous Water Sampling and Monitoring Boat Product and Services

Table 124. Xuedou Tech Autonomous Water Sampling and Monitoring Boat Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 125. Xuedou Tech Recent Developments/Updates

Table 126. Xuedou Tech Competitive Strengths & Weaknesses

Table 127. JiangSu Chainsong Technology Basic Information, Manufacturing Base and Competitors

Table 128. JiangSu Chainsong Technology Major Business

Table 129. JiangSu Chainsong Technology Autonomous Water Sampling and Monitoring Boat Product and Services

Table 130. JiangSu Chainsong Technology Autonomous Water Sampling and Monitoring Boat Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 131. JiangSu Chainsong Technology Recent Developments/Updates



- Table 132. JiangSu Chainsong Technology Competitive Strengths & Weaknesses
- Table 133. Four-Faith Basic Information, Manufacturing Base and Competitors
- Table 134. Four-Faith Major Business
- Table 135. Four-Faith Autonomous Water Sampling and Monitoring Boat Product and Services
- Table 136. Four-Faith Autonomous Water Sampling and Monitoring Boat Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 137. Four-Faith Recent Developments/Updates
- Table 138. Nanjing Scan Space Basic Information, Manufacturing Base and Competitors
- Table 139. Nanjing Scan Space Major Business
- Table 140. Nanjing Scan Space Autonomous Water Sampling and Monitoring Boat Product and Services
- Table 141. Nanjing Scan Space Autonomous Water Sampling and Monitoring Boat Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 142. Global Key Players of Autonomous Water Sampling and Monitoring Boat Upstream (Raw Materials)
- Table 143. Autonomous Water Sampling and Monitoring Boat Typical Customers
- Table 144. Autonomous Water Sampling and Monitoring Boat Typical Distributors

#### LIST OF FIGURE

- Figure 1. Autonomous Water Sampling and Monitoring Boat Picture
- Figure 2. World Autonomous Water Sampling and Monitoring Boat Production Value: 2019 & 2023 & 2030, (USD Million)
- Figure 3. World Autonomous Water Sampling and Monitoring Boat Production Value and Forecast (2019-2030) & (USD Million)
- Figure 4. World Autonomous Water Sampling and Monitoring Boat Production (2019-2030) & (K Units)
- Figure 5. World Autonomous Water Sampling and Monitoring Boat Average Price (2019-2030) & (US\$/Unit)
- Figure 6. World Autonomous Water Sampling and Monitoring Boat Production Value Market Share by Region (2019-2030)
- Figure 7. World Autonomous Water Sampling and Monitoring Boat Production Market Share by Region (2019-2030)
- Figure 8. North America Autonomous Water Sampling and Monitoring Boat Production (2019-2030) & (K Units)



Figure 9. Europe Autonomous Water Sampling and Monitoring Boat Production (2019-2030) & (K Units)

Figure 10. China Autonomous Water Sampling and Monitoring Boat Production (2019-2030) & (K Units)

Figure 11. Japan Autonomous Water Sampling and Monitoring Boat Production (2019-2030) & (K Units)

Figure 12. Autonomous Water Sampling and Monitoring Boat Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Autonomous Water Sampling and Monitoring Boat Consumption (2019-2030) & (K Units)

Figure 15. World Autonomous Water Sampling and Monitoring Boat Consumption Market Share by Region (2019-2030)

Figure 16. United States Autonomous Water Sampling and Monitoring Boat Consumption (2019-2030) & (K Units)

Figure 17. China Autonomous Water Sampling and Monitoring Boat Consumption (2019-2030) & (K Units)

Figure 18. Europe Autonomous Water Sampling and Monitoring Boat Consumption (2019-2030) & (K Units)

Figure 19. Japan Autonomous Water Sampling and Monitoring Boat Consumption (2019-2030) & (K Units)

Figure 20. South Korea Autonomous Water Sampling and Monitoring Boat Consumption (2019-2030) & (K Units)

Figure 21. ASEAN Autonomous Water Sampling and Monitoring Boat Consumption (2019-2030) & (K Units)

Figure 22. India Autonomous Water Sampling and Monitoring Boat Consumption (2019-2030) & (K Units)

Figure 23. Producer Shipments of Autonomous Water Sampling and Monitoring Boat by Manufacturer Revenue (\$MM) and Market Share (%): 2023

Figure 24. Global Four-firm Concentration Ratios (CR4) for Autonomous Water Sampling and Monitoring Boat Markets in 2023

Figure 25. Global Four-firm Concentration Ratios (CR8) for Autonomous Water Sampling and Monitoring Boat Markets in 2023

Figure 26. United States VS China: Autonomous Water Sampling and Monitoring Boat Production Value Market Share Comparison (2019 & 2023 & 2030)

Figure 27. United States VS China: Autonomous Water Sampling and Monitoring Boat Production Market Share Comparison (2019 & 2023 & 2030)

Figure 28. United States VS China: Autonomous Water Sampling and Monitoring Boat Consumption Market Share Comparison (2019 & 2023 & 2030)

Figure 29. United States Based Manufacturers Autonomous Water Sampling and



Monitoring Boat Production Market Share 2023

Figure 30. China Based Manufacturers Autonomous Water Sampling and Monitoring Boat Production Market Share 2023

Figure 31. Rest of World Based Manufacturers Autonomous Water Sampling and Monitoring Boat Production Market Share 2023

Figure 32. World Autonomous Water Sampling and Monitoring Boat Production Value by Type, (USD Million), 2019 & 2023 & 2030

Figure 33. World Autonomous Water Sampling and Monitoring Boat Production Value Market Share by Type in 2023

Figure 34. Monohull Type

Figure 35. Catamaran Type

Figure 36. World Autonomous Water Sampling and Monitoring Boat Production Market Share by Type (2019-2030)

Figure 37. World Autonomous Water Sampling and Monitoring Boat Production Value Market Share by Type (2019-2030)

Figure 38. World Autonomous Water Sampling and Monitoring Boat Average Price by Type (2019-2030) & (US\$/Unit)

Figure 39. World Autonomous Water Sampling and Monitoring Boat Production Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 40. World Autonomous Water Sampling and Monitoring Boat Production Value Market Share by Application in 2023

Figure 41. Fresh Water Testing

Figure 42. Seawater Testing

Figure 43. World Autonomous Water Sampling and Monitoring Boat Production Market Share by Application (2019-2030)

Figure 44. World Autonomous Water Sampling and Monitoring Boat Production Value Market Share by Application (2019-2030)

Figure 45. World Autonomous Water Sampling and Monitoring Boat Average Price by Application (2019-2030) & (US\$/Unit)

Figure 46. Autonomous Water Sampling and Monitoring Boat Industry Chain

Figure 47. Autonomous Water Sampling and Monitoring Boat Procurement Model

Figure 48. Autonomous Water Sampling and Monitoring Boat Sales Model

Figure 49. Autonomous Water Sampling and Monitoring Boat Sales Channels, Direct Sales, and Distribution

Figure 50. Methodology

Figure 51. Research Process and Data Source



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