

# Ultrasonic Cleaning Transducer Market, Global Outlook and Forecast 2022-2028

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### **Abstracts**

It Is Composed Of The Electrical Part That Receives The Electrical Signal Of The Ultrasonic Generator And The Mechanical Part That Vibrates At High Frequency To Generate Sound Waves In The Cleaning Liquid. Once Received, The Electrical Signal Is Applied To The Piezoelectric Crystal, Thereby Converting The Signal Into Vibration. The Heavy Metal Plate Is Attached To The Crystal And Amplifies The Vibration In A Larger Area. The Entire Structure Is Enclosed In A Stainless Steel Shell, And The Vibration Is Transmitted To The Outside Through The Steel. When The Transducer Is Immersed In The Cleaning Liquid, The Vibration Will Generate Corresponding Ultrasonic Waves In The Liquid. Acoustic Waves Are Compression Waves That Propagate As A Liquid With Compression Peaks And Valleys. In The Tank, Cavitation Bubbles Are Formed Due To The Low Pressure, And The Bubbles Collapse Again At The Peak Of The High Pressure. The Collapsed Bubbles Release High-Energy Cleaning Solutions That Remove Dust And Contaminants From The Surface Of The Part. The Scrubbing Action Of These Nozzles Can Effectively And Quickly Clean The Parts Without Damaging The Underlying Surface

This report contains market size and forecasts of Ultrasonic Cleaning Transducer in global, including the following market information:

Global Ultrasonic Cleaning Transducer Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Ultrasonic Cleaning Transducer Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Ultrasonic Cleaning Transducer companies in 2021 (%)



The global Ultrasonic Cleaning Transducer market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Low Frequency Ultrasonic Cleaning Transducer:

The global key manufacturers of Ultrasonic Cleaning Transducer include Olympus IMS, Bandelin, APC International, Zenith Ultrasonics, Kaijo Corporation, Emerson, Clangsonic, Weber Ultrasonics AG and UCE Ultrasonic Co Ltd and etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Ultrasonic Cleaning Transducer manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Ultrasonic Cleaning Transducer Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Ultrasonic Cleaning Transducer Market Segment Percentages, by Type, 2021 (%)

Low Frequency Ultrasonic Cleaning Transducer: High Frequency Ultrasonic Cleaning Transducer: > 50KHz

Global Ultrasonic Cleaning Transducer Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Ultrasonic Cleaning Transducer Market Segment Percentages, by Application, 2021 (%)

Agriculture

Pharmaceutical



Industrial		
Medical Treatment		
Global Ultrasonic Cleaning Transducer Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)		
Global Ultrasonic Cleaning Transducer Market Segment Percentages, By Region and Country, 2021 (%)		
North America		
US		
Canada		
Mexico		
Europe		
Germany		
France		
U.K.		
Italy		
Russia		
Nordic Countries		
Benelux		
Rest of Europe		

Asia



	China
	Japan
	South Korea
	Southeast Asia
	India
	Rest of Asia
South	America
	Brazil
	Argentina
	Rest of South America
Middle East & Africa	
	Turkey
	Israel
	Saudi Arabia
	UAE
	Rest of Middle East & Africa
etitor A	nalysis

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Ultrasonic Cleaning Transducer revenues in global market, 2017-2022



(Estimated), (\$ millions)

Key companies Ultrasonic Cleaning Transducer revenues share in global market, 2021 (%)

Key companies Ultrasonic Cleaning Transducer sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Ultrasonic Cleaning Transducer sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Olympus IMS

Bandelin

**APC International** 

Zenith Ultrasonics

Kaijo Corporation

Emerson

Clangsonic

Weber Ultrasonics AG

UCE Ultrasonic Co Ltd

Beijing Ultrasonic Co Ltd



### **Contents**

### 1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Ultrasonic Cleaning Transducer Market Definition
- 1.2 Market Segments
  - 1.2.1 Market by Type
  - 1.2.2 Market by Application
- 1.3 Global Ultrasonic Cleaning Transducer Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
  - 1.5.1 Research Methodology
  - 1.5.2 Research Process
  - 1.5.3 Base Year
  - 1.5.4 Report Assumptions & Caveats

### 2 GLOBAL ULTRASONIC CLEANING TRANSDUCER OVERALL MARKET SIZE

- 2.1 Global Ultrasonic Cleaning Transducer Market Size: 2021 VS 2028
- 2.2 Global Ultrasonic Cleaning Transducer Revenue, Prospects & Forecasts: 2017-2028
- 2.3 Global Ultrasonic Cleaning Transducer Sales: 2017-2028

### **3 COMPANY LANDSCAPE**

- 3.1 Top Ultrasonic Cleaning Transducer Players in Global Market
- 3.2 Top Global Ultrasonic Cleaning Transducer Companies Ranked by Revenue
- 3.3 Global Ultrasonic Cleaning Transducer Revenue by Companies
- 3.4 Global Ultrasonic Cleaning Transducer Sales by Companies
- 3.5 Global Ultrasonic Cleaning Transducer Price by Manufacturer (2017-2022)
- 3.6 Top 3 and Top 5 Ultrasonic Cleaning Transducer Companies in Global Market, by Revenue in 2021
- 3.7 Global Manufacturers Ultrasonic Cleaning Transducer Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 Ultrasonic Cleaning Transducer Players in Global Market
  - 3.8.1 List of Global Tier 1 Ultrasonic Cleaning Transducer Companies
  - 3.8.2 List of Global Tier 2 and Tier 3 Ultrasonic Cleaning Transducer Companies

### **4 SIGHTS BY PRODUCT**



### 4.1 Overview

- 4.1.1 By Type Global Ultrasonic Cleaning Transducer Market Size Markets, 2021 & 2028
- 4.1.2 Low Frequency Ultrasonic Cleaning Transducer: 4.1.3 High Frequency Ultrasonic Cleaning Transducer: > 50KHz
- 4.2 By Type Global Ultrasonic Cleaning Transducer Revenue & Forecasts
- 4.2.1 By Type Global Ultrasonic Cleaning Transducer Revenue, 2017-2022
- 4.2.2 By Type Global Ultrasonic Cleaning Transducer Revenue, 2023-2028
- 4.2.3 By Type Global Ultrasonic Cleaning Transducer Revenue Market Share, 2017-2028
- 4.3 By Type Global Ultrasonic Cleaning Transducer Sales & Forecasts
  - 4.3.1 By Type Global Ultrasonic Cleaning Transducer Sales, 2017-2022
  - 4.3.2 By Type Global Ultrasonic Cleaning Transducer Sales, 2023-2028
- 4.3.3 By Type Global Ultrasonic Cleaning Transducer Sales Market Share, 2017-2028
- 4.4 By Type Global Ultrasonic Cleaning Transducer Price (Manufacturers Selling Prices), 2017-2028

### **5 SIGHTS BY APPLICATION**

### 5.1 Overview

- 5.1.1 By Application Global Ultrasonic Cleaning Transducer Market Size, 2021 & 2028
  - 5.1.2 Agriculture
  - 5.1.3 Pharmaceutical
  - 5.1.4 Industrial
- 5.1.5 Medical Treatment
- 5.2 By Application Global Ultrasonic Cleaning Transducer Revenue & Forecasts
- 5.2.1 By Application Global Ultrasonic Cleaning Transducer Revenue, 2017-2022
- 5.2.2 By Application Global Ultrasonic Cleaning Transducer Revenue, 2023-2028
- 5.2.3 By Application Global Ultrasonic Cleaning Transducer Revenue Market Share, 2017-2028
- 5.3 By Application Global Ultrasonic Cleaning Transducer Sales & Forecasts
  - 5.3.1 By Application Global Ultrasonic Cleaning Transducer Sales, 2017-2022
  - 5.3.2 By Application Global Ultrasonic Cleaning Transducer Sales, 2023-2028
- 5.3.3 By Application Global Ultrasonic Cleaning Transducer Sales Market Share, 2017-2028
- 5.4 By Application Global Ultrasonic Cleaning Transducer Price (Manufacturers Selling Prices), 2017-2028



### **6 SIGHTS BY REGION**

- 6.1 By Region Global Ultrasonic Cleaning Transducer Market Size, 2021 & 2028
- 6.2 By Region Global Ultrasonic Cleaning Transducer Revenue & Forecasts
- 6.2.1 By Region Global Ultrasonic Cleaning Transducer Revenue, 2017-2022
- 6.2.2 By Region Global Ultrasonic Cleaning Transducer Revenue, 2023-2028
- 6.2.3 By Region Global Ultrasonic Cleaning Transducer Revenue Market Share, 2017-2028
- 6.3 By Region Global Ultrasonic Cleaning Transducer Sales & Forecasts
  - 6.3.1 By Region Global Ultrasonic Cleaning Transducer Sales, 2017-2022
  - 6.3.2 By Region Global Ultrasonic Cleaning Transducer Sales, 2023-2028
- 6.3.3 By Region Global Ultrasonic Cleaning Transducer Sales Market Share, 2017-2028
- 6.4 North America
- 6.4.1 By Country North America Ultrasonic Cleaning Transducer Revenue, 2017-2028
  - 6.4.2 By Country North America Ultrasonic Cleaning Transducer Sales, 2017-2028
  - 6.4.3 US Ultrasonic Cleaning Transducer Market Size, 2017-2028
  - 6.4.4 Canada Ultrasonic Cleaning Transducer Market Size, 2017-2028
  - 6.4.5 Mexico Ultrasonic Cleaning Transducer Market Size, 2017-2028

### 6.5 Europe

- 6.5.1 By Country Europe Ultrasonic Cleaning Transducer Revenue, 2017-2028
- 6.5.2 By Country Europe Ultrasonic Cleaning Transducer Sales, 2017-2028
- 6.5.3 Germany Ultrasonic Cleaning Transducer Market Size, 2017-2028
- 6.5.4 France Ultrasonic Cleaning Transducer Market Size, 2017-2028
- 6.5.5 U.K. Ultrasonic Cleaning Transducer Market Size, 2017-2028
- 6.5.6 Italy Ultrasonic Cleaning Transducer Market Size, 2017-2028
- 6.5.7 Russia Ultrasonic Cleaning Transducer Market Size, 2017-2028
- 6.5.8 Nordic Countries Ultrasonic Cleaning Transducer Market Size, 2017-2028
- 6.5.9 Benelux Ultrasonic Cleaning Transducer Market Size, 2017-2028

### 6.6 Asia

- 6.6.1 By Region Asia Ultrasonic Cleaning Transducer Revenue, 2017-2028
- 6.6.2 By Region Asia Ultrasonic Cleaning Transducer Sales, 2017-2028
- 6.6.3 China Ultrasonic Cleaning Transducer Market Size, 2017-2028
- 6.6.4 Japan Ultrasonic Cleaning Transducer Market Size, 2017-2028
- 6.6.5 South Korea Ultrasonic Cleaning Transducer Market Size, 2017-2028
- 6.6.6 Southeast Asia Ultrasonic Cleaning Transducer Market Size, 2017-2028
- 6.6.7 India Ultrasonic Cleaning Transducer Market Size, 2017-2028



- 6.7 South America
- 6.7.1 By Country South America Ultrasonic Cleaning Transducer Revenue, 2017-2028
  - 6.7.2 By Country South America Ultrasonic Cleaning Transducer Sales, 2017-2028
  - 6.7.3 Brazil Ultrasonic Cleaning Transducer Market Size, 2017-2028
- 6.7.4 Argentina Ultrasonic Cleaning Transducer Market Size, 2017-2028
- 6.8 Middle East & Africa
- 6.8.1 By Country Middle East & Africa Ultrasonic Cleaning Transducer Revenue, 2017-2028
- 6.8.2 By Country Middle East & Africa Ultrasonic Cleaning Transducer Sales, 2017-2028
  - 6.8.3 Turkey Ultrasonic Cleaning Transducer Market Size, 2017-2028
  - 6.8.4 Israel Ultrasonic Cleaning Transducer Market Size, 2017-2028
  - 6.8.5 Saudi Arabia Ultrasonic Cleaning Transducer Market Size, 2017-2028
  - 6.8.6 UAE Ultrasonic Cleaning Transducer Market Size, 2017-2028

### 7 MANUFACTURERS & BRANDS PROFILES

- 7.1 Olympus IMS
  - 7.1.1 Olympus IMS Corporate Summary
  - 7.1.2 Olympus IMS Business Overview
  - 7.1.3 Olympus IMS Ultrasonic Cleaning Transducer Major Product Offerings
- 7.1.4 Olympus IMS Ultrasonic Cleaning Transducer Sales and Revenue in Global (2017-2022)
- 7.1.5 Olympus IMS Key News
- 7.2 Bandelin
  - 7.2.1 Bandelin Corporate Summary
  - 7.2.2 Bandelin Business Overview
  - 7.2.3 Bandelin Ultrasonic Cleaning Transducer Major Product Offerings
- 7.2.4 Bandelin Ultrasonic Cleaning Transducer Sales and Revenue in Global (2017-2022)
  - 7.2.5 Bandelin Key News
- 7.3 APC International
  - 7.3.1 APC International Corporate Summary
  - 7.3.2 APC International Business Overview
  - 7.3.3 APC International Ultrasonic Cleaning Transducer Major Product Offerings
- 7.3.4 APC International Ultrasonic Cleaning Transducer Sales and Revenue in Global (2017-2022)
  - 7.3.5 APC International Key News



- 7.4 Zenith Ultrasonics
  - 7.4.1 Zenith Ultrasonics Corporate Summary
  - 7.4.2 Zenith Ultrasonics Business Overview
  - 7.4.3 Zenith Ultrasonics Ultrasonic Cleaning Transducer Major Product Offerings
- 7.4.4 Zenith Ultrasonics Ultrasonic Cleaning Transducer Sales and Revenue in Global (2017-2022)
- 7.4.5 Zenith Ultrasonics Key News
- 7.5 Kaijo Corporation
  - 7.5.1 Kaijo Corporation Corporate Summary
  - 7.5.2 Kaijo Corporation Business Overview
  - 7.5.3 Kaijo Corporation Ultrasonic Cleaning Transducer Major Product Offerings
- 7.5.4 Kaijo Corporation Ultrasonic Cleaning Transducer Sales and Revenue in Global (2017-2022)
  - 7.5.5 Kaijo Corporation Key News
- 7.6 Emerson
  - 7.6.1 Emerson Corporate Summary
  - 7.6.2 Emerson Business Overview
  - 7.6.3 Emerson Ultrasonic Cleaning Transducer Major Product Offerings
- 7.6.4 Emerson Ultrasonic Cleaning Transducer Sales and Revenue in Global (2017-2022)
- 7.6.5 Emerson Key News
- 7.7 Clangsonic
  - 7.7.1 Clangsonic Corporate Summary
  - 7.7.2 Clangsonic Business Overview
  - 7.7.3 Clangsonic Ultrasonic Cleaning Transducer Major Product Offerings
- 7.7.4 Clangsonic Ultrasonic Cleaning Transducer Sales and Revenue in Global (2017-2022)
  - 7.7.5 Clangsonic Key News
- 7.8 Weber Ultrasonics AG
  - 7.8.1 Weber Ultrasonics AG Corporate Summary
  - 7.8.2 Weber Ultrasonics AG Business Overview
  - 7.8.3 Weber Ultrasonics AG Ultrasonic Cleaning Transducer Major Product Offerings
- 7.8.4 Weber Ultrasonics AG Ultrasonic Cleaning Transducer Sales and Revenue in Global (2017-2022)
  - 7.8.5 Weber Ultrasonics AG Key News
- 7.9 UCE Ultrasonic Co Ltd
  - 7.9.1 UCE Ultrasonic Co Ltd Corporate Summary
  - 7.9.2 UCE Ultrasonic Co Ltd Business Overview
  - 7.9.3 UCE Ultrasonic Co Ltd Ultrasonic Cleaning Transducer Major Product Offerings



- 7.9.4 UCE Ultrasonic Co Ltd Ultrasonic Cleaning Transducer Sales and Revenue in Global (2017-2022)
- 7.9.5 UCE Ultrasonic Co Ltd Key News
- 7.10 Beijing Ultrasonic Co Ltd
  - 7.10.1 Beijing Ultrasonic Co Ltd Corporate Summary
  - 7.10.2 Beijing Ultrasonic Co Ltd Business Overview
- 7.10.3 Beijing Ultrasonic Co Ltd Ultrasonic Cleaning Transducer Major Product Offerings
- 7.10.4 Beijing Ultrasonic Co Ltd Ultrasonic Cleaning Transducer Sales and Revenue in Global (2017-2022)
  - 7.10.5 Beijing Ultrasonic Co Ltd Key News

# 8 GLOBAL ULTRASONIC CLEANING TRANSDUCER PRODUCTION CAPACITY, ANALYSIS

- 8.1 Global Ultrasonic Cleaning Transducer Production Capacity, 2017-2028
- 8.2 Ultrasonic Cleaning Transducer Production Capacity of Key Manufacturers in Global Market
- 8.3 Global Ultrasonic Cleaning Transducer Production by Region

### 9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS

- 9.1 Market Opportunities & Trends
- 9.2 Market Drivers
- 9.3 Market Restraints

### 10 ULTRASONIC CLEANING TRANSDUCER SUPPLY CHAIN ANALYSIS

- 10.1 Ultrasonic Cleaning Transducer Industry Value Chain
- 10.2 Ultrasonic Cleaning Transducer Upstream Market
- 10.3 Ultrasonic Cleaning Transducer Downstream and Clients
- 10.4 Marketing Channels Analysis
  - 10.4.1 Marketing Channels
  - 10.4.2 Ultrasonic Cleaning Transducer Distributors and Sales Agents in Global

### 11 CONCLUSION

### 12 APPENDIX



- 12.1 Note
- 12.2 Examples of Clients
- 12.3 Disclaimer



### **List Of Tables**

### LIST OF TABLES

- Table 1. Key Players of Ultrasonic Cleaning Transducer in Global Market
- Table 2. Top Ultrasonic Cleaning Transducer Players in Global Market, Ranking by Revenue (2021)
- Table 3. Global Ultrasonic Cleaning Transducer Revenue by Companies, (US\$, Mn), 2017-2022
- Table 4. Global Ultrasonic Cleaning Transducer Revenue Share by Companies, 2017-2022
- Table 5. Global Ultrasonic Cleaning Transducer Sales by Companies, (K Units), 2017-2022
- Table 6. Global Ultrasonic Cleaning Transducer Sales Share by Companies, 2017-2022
- Table 7. Key Manufacturers Ultrasonic Cleaning Transducer Price (2017-2022) & (US\$/Unit)
- Table 8. Global Manufacturers Ultrasonic Cleaning Transducer Product Type
- Table 9. List of Global Tier 1 Ultrasonic Cleaning Transducer Companies, Revenue (US\$, Mn) in 2021 and Market Share
- Table 10. List of Global Tier 2 and Tier 3 Ultrasonic Cleaning Transducer Companies, Revenue (US\$, Mn) in 2021 and Market Share
- Table 11. By Type Global Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2021 & 2028
- Table 12. By Type Global Ultrasonic Cleaning Transducer Revenue (US\$, Mn), 2017-2022
- Table 13. By Type Global Ultrasonic Cleaning Transducer Revenue (US\$, Mn), 2023-2028
- Table 14. By Type Global Ultrasonic Cleaning Transducer Sales (K Units), 2017-2022
- Table 15. By Type Global Ultrasonic Cleaning Transducer Sales (K Units), 2023-2028
- Table 16. By Application Global Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2021 & 2028
- Table 17. By Application Global Ultrasonic Cleaning Transducer Revenue (US\$, Mn), 2017-2022
- Table 18. By Application Global Ultrasonic Cleaning Transducer Revenue (US\$, Mn), 2023-2028
- Table 19. By Application Global Ultrasonic Cleaning Transducer Sales (K Units), 2017-2022
- Table 20. By Application Global Ultrasonic Cleaning Transducer Sales (K Units), 2023-2028



Table 21. By Region – Global Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2021 VS 2028

Table 22. By Region - Global Ultrasonic Cleaning Transducer Revenue (US\$, Mn), 2017-2022

Table 23. By Region - Global Ultrasonic Cleaning Transducer Revenue (US\$, Mn), 2023-2028

Table 24. By Region - Global Ultrasonic Cleaning Transducer Sales (K Units), 2017-2022

Table 25. By Region - Global Ultrasonic Cleaning Transducer Sales (K Units), 2023-2028

Table 26. By Country - North America Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2017-2022

Table 27. By Country - North America Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2023-2028

Table 28. By Country - North America Ultrasonic Cleaning Transducer Sales, (K Units), 2017-2022

Table 29. By Country - North America Ultrasonic Cleaning Transducer Sales, (K Units), 2023-2028

Table 30. By Country - Europe Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2017-2022

Table 31. By Country - Europe Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2023-2028

Table 32. By Country - Europe Ultrasonic Cleaning Transducer Sales, (K Units), 2017-2022

Table 33. By Country - Europe Ultrasonic Cleaning Transducer Sales, (K Units), 2023-2028

Table 34. By Region - Asia Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2017-2022

Table 35. By Region - Asia Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2023-2028

Table 36. By Region - Asia Ultrasonic Cleaning Transducer Sales, (K Units), 2017-2022

Table 37. By Region - Asia Ultrasonic Cleaning Transducer Sales, (K Units), 2023-2028

Table 38. By Country - South America Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2017-2022

Table 39. By Country - South America Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2023-2028

Table 40. By Country - South America Ultrasonic Cleaning Transducer Sales, (K Units), 2017-2022

Table 41. By Country - South America Ultrasonic Cleaning Transducer Sales, (K Units),



### 2023-2028

Table 42. By Country - Middle East & Africa Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2017-2022

Table 43. By Country - Middle East & Africa Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2023-2028

Table 44. By Country - Middle East & Africa Ultrasonic Cleaning Transducer Sales, (K Units), 2017-2022

Table 45. By Country - Middle East & Africa Ultrasonic Cleaning Transducer Sales, (K Units), 2023-2028

Table 46. Olympus IMS Corporate Summary

Table 47. Olympus IMS Ultrasonic Cleaning Transducer Product Offerings

Table 48. Olympus IMS Ultrasonic Cleaning Transducer Sales (K Units), Revenue

(US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 49. Bandelin Corporate Summary

Table 50. Bandelin Ultrasonic Cleaning Transducer Product Offerings

Table 51. Bandelin Ultrasonic Cleaning Transducer Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 52. APC International Corporate Summary

Table 53. APC International Ultrasonic Cleaning Transducer Product Offerings

Table 54. APC International Ultrasonic Cleaning Transducer Sales (K Units), Revenue

(US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 55. Zenith Ultrasonics Corporate Summary

Table 56. Zenith Ultrasonics Ultrasonic Cleaning Transducer Product Offerings

Table 57. Zenith Ultrasonics Ultrasonic Cleaning Transducer Sales (K Units), Revenue

(US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 58. Kaijo Corporation Corporate Summary

Table 59. Kaijo Corporation Ultrasonic Cleaning Transducer Product Offerings

Table 60. Kaijo Corporation Ultrasonic Cleaning Transducer Sales (K Units), Revenue

(US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 61. Emerson Corporate Summary

Table 62. Emerson Ultrasonic Cleaning Transducer Product Offerings

Table 63. Emerson Ultrasonic Cleaning Transducer Sales (K Units), Revenue (US\$,

Mn) and Average Price (US\$/Unit) (2017-2022)

Table 64. Clangsonic Corporate Summary

Table 65. Clangsonic Ultrasonic Cleaning Transducer Product Offerings

Table 66. Clangsonic Ultrasonic Cleaning Transducer Sales (K Units), Revenue (US\$,

Mn) and Average Price (US\$/Unit) (2017-2022)

Table 67. Weber Ultrasonics AG Corporate Summary

Table 68. Weber Ultrasonics AG Ultrasonic Cleaning Transducer Product Offerings



Table 69. Weber Ultrasonics AG Ultrasonic Cleaning Transducer Sales (K Units),

Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 70. UCE Ultrasonic Co Ltd Corporate Summary

Table 71. UCE Ultrasonic Co Ltd Ultrasonic Cleaning Transducer Product Offerings

Table 72. UCE Ultrasonic Co Ltd Ultrasonic Cleaning Transducer Sales (K Units),

Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 73. Beijing Ultrasonic Co Ltd Corporate Summary

Table 74. Beijing Ultrasonic Co Ltd Ultrasonic Cleaning Transducer Product Offerings

Table 75. Beijing Ultrasonic Co Ltd Ultrasonic Cleaning Transducer Sales (K Units),

Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 76. Ultrasonic Cleaning Transducer Production Capacity (K Units) of Key Manufacturers in Global Market, 2020-2022 (K Units)

Table 77. Global Ultrasonic Cleaning Transducer Capacity Market Share of Key Manufacturers, 2020-2022

Table 78. Global Ultrasonic Cleaning Transducer Production by Region, 2017-2022 (K Units)

Table 79. Global Ultrasonic Cleaning Transducer Production by Region, 2023-2028 (K Units)

Table 80. Ultrasonic Cleaning Transducer Market Opportunities & Trends in Global Market

Table 81. Ultrasonic Cleaning Transducer Market Drivers in Global Market

Table 82. Ultrasonic Cleaning Transducer Market Restraints in Global Market

Table 83. Ultrasonic Cleaning Transducer Raw Materials

Table 84. Ultrasonic Cleaning Transducer Raw Materials Suppliers in Global Market

Table 85. Typical Ultrasonic Cleaning Transducer Downstream

Table 86. Ultrasonic Cleaning Transducer Downstream Clients in Global Market

Table 87. Ultrasonic Cleaning Transducer Distributors and Sales Agents in Global Market



## **List Of Figures**

### **LIST OF FIGURES**

- Figure 1. Ultrasonic Cleaning Transducer Segment by Type
- Figure 2. Ultrasonic Cleaning Transducer Segment by Application
- Figure 3. Global Ultrasonic Cleaning Transducer Market Overview: 2021
- Figure 4. Key Caveats
- Figure 5. Global Ultrasonic Cleaning Transducer Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global Ultrasonic Cleaning Transducer Revenue, 2017-2028 (US\$, Mn)
- Figure 7. Ultrasonic Cleaning Transducer Sales in Global Market: 2017-2028 (K Units)
- Figure 8. The Top 3 and 5 Players Market Share by Ultrasonic Cleaning Transducer Revenue in 2021
- Figure 9. By Type Global Ultrasonic Cleaning Transducer Sales Market Share, 2017-2028
- Figure 10. By Type Global Ultrasonic Cleaning Transducer Revenue Market Share, 2017-2028
- Figure 11. By Type Global Ultrasonic Cleaning Transducer Price (US\$/Unit), 2017-2028
- Figure 12. By Application Global Ultrasonic Cleaning Transducer Sales Market Share, 2017-2028
- Figure 13. By Application Global Ultrasonic Cleaning Transducer Revenue Market Share, 2017-2028
- Figure 14. By Application Global Ultrasonic Cleaning Transducer Price (US\$/Unit), 2017-2028
- Figure 15. By Region Global Ultrasonic Cleaning Transducer Sales Market Share, 2017-2028
- Figure 16. By Region Global Ultrasonic Cleaning Transducer Revenue Market Share, 2017-2028
- Figure 17. By Country North America Ultrasonic Cleaning Transducer Revenue Market Share, 2017-2028
- Figure 18. By Country North America Ultrasonic Cleaning Transducer Sales Market Share, 2017-2028
- Figure 19. US Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2017-2028
- Figure 20. Canada Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2017-2028
- Figure 21. Mexico Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2017-2028
- Figure 22. By Country Europe Ultrasonic Cleaning Transducer Revenue Market Share, 2017-2028
- Figure 23. By Country Europe Ultrasonic Cleaning Transducer Sales Market Share,



### 2017-2028

- Figure 24. Germany Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2017-2028
- Figure 25. France Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2017-2028
- Figure 26. U.K. Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2017-2028
- Figure 27. Italy Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2017-2028
- Figure 28. Russia Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2017-2028
- Figure 29. Nordic Countries Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2017-2028
- Figure 30. Benelux Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2017-2028
- Figure 31. By Region Asia Ultrasonic Cleaning Transducer Revenue Market Share, 2017-2028
- Figure 32. By Region Asia Ultrasonic Cleaning Transducer Sales Market Share, 2017-2028
- Figure 33. China Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2017-2028
- Figure 34. Japan Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2017-2028
- Figure 35. South Korea Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2017-2028
- Figure 36. Southeast Asia Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2017-2028
- Figure 37. India Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2017-2028
- Figure 38. By Country South America Ultrasonic Cleaning Transducer Revenue Market Share, 2017-2028
- Figure 39. By Country South America Ultrasonic Cleaning Transducer Sales Market Share, 2017-2028
- Figure 40. Brazil Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2017-2028
- Figure 41. Argentina Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2017-2028
- Figure 42. By Country Middle East & Africa Ultrasonic Cleaning Transducer Revenue Market Share, 2017-2028
- Figure 43. By Country Middle East & Africa Ultrasonic Cleaning Transducer Sales Market Share, 2017-2028
- Figure 44. Turkey Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2017-2028
- Figure 45. Israel Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2017-2028
- Figure 46. Saudi Arabia Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2017-2028
- Figure 47. UAE Ultrasonic Cleaning Transducer Revenue, (US\$, Mn), 2017-2028
- Figure 48. Global Ultrasonic Cleaning Transducer Production Capacity (K Units), 2017-2028
- Figure 49. The Percentage of Production Ultrasonic Cleaning Transducer by Region, 2021 VS 2028



Figure 50. Ultrasonic Cleaning Transducer Industry Value Chain

Figure 51. Marketing Channels



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