

Ultrasonic Flowmeter Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

Market Overview:

The global ultrasonic flowmeter market size reached US\$ 1.8 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 2.5 Billion by 2028, exhibiting a growth rate (CAGR) of 6.22% during 2023-2028.

An ultrasonic flowmeter is a device that is used to measure the quantity of a liquid or gas that is moving through a pipe. The device measures the fluid velocity which further calculates the motion of gas or any liquid flowing. The velocity of the material flowing is measured with the help of ultrasonic transducers. Along with liquid, one can also measure the velocity of molten sulphur, chemicals, cryogenic liquids and even gases. This device generally works on three different principles namely transit time difference, doppler effect principle, and open channel principle. Ultrasonic flowmeters are mainly used in industries like wastewater, chemical, food and beverages, mining, metals, pharmaceuticals, power generation, paper and pulp industry, etc.

The accuracy of the ultrasonic flowmeters in taking measurements and calculating the velocity of the fluids is a key factor that is driving its demand. The high efficiency and accuracy of ultrasonic flowmeters can be attributed to the fact that they do not suffer mechanical wear and tear, do not cause a drop in the pressure of the fluid flowing through the pipe, and can be used for bidirectional measurements as well. Ultrasonic flowmeters are playing a major role in making bidirectional measurements that can be done with clamp-on flowmeters. Another major factor that is driving the demand of ultrasonic flowmeters is their non-invasive nature. These flowmeters do not require to come in contact with the fluid or involve cutting of the pipe in order to take the

measurements. They are highly accurate, reliable and require low-maintenance. Moreover, the rising number of refineries catalyzed by increasing energy demand is also driving the demand of ultrasonic flow meters.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global ultrasonic flowmeter market report, along with forecasts at the global and regional level from 2023-2028. Our report has categorized the market based on product type, number of paths, technology, application and distribution channel.

Breakup by Product Type:

- Spool Piece
- Insertion
- Clamp-On
- Others

Based on the product type, the market has been segmented into spool piece, insertion, clamp-on and others. The clamp-on segment currently represents the largest segment.

Breakup by Number of Paths:

- 3-Path Transit Time
- 4- Path Transit Time
- 5- Path Transit Time
- 6 or More Path Transit Time

Based on the number of paths, the market has been segmented into 3-path transit time, 4- path transit time, 5- Path transit time and 6 or more path transit time.

Breakup by Technology:

- Transit Time - Single/Dual Path
- Transit Time - Multipath
- Doppler
- Hybrid

Based on the technology, the market has been segmented into transit time - single/dual path, transit time – multipath, doppler and hybrid.

Breakup by Distribution Channel:

- Direct Sales
- Independent Representatives
- Distributors
- Online

Based on the distribution channel, the market has been segmented into direct sales, independent representatives, distributors and online.

Breakup by Application:

- Natural Gas
- Non-Petroleum Liquid
- Petroleum Liquid
- Others

On the basis of application, natural gas represents the largest segment. Other segments include non-petroleum liquid, petroleum liquid, and others.

Regional Insights:

- Asia Pacific
- North America
- Europe
- Middle East and Africa
- Latin America

Region-wise, the market has been segmented into Asia Pacific, North America, Europe, Middle East and Africa, and Latin America. Amongst these, Asia Pacific is the leading market, accounting for the majority of the market share.

Competitive Landscape:

The competitive landscape of the market has also been examined with some of the key players being Asea Brown Boveri Ltd., Badger Meter Inc., Emerson Electric Co., Emerson Process Management, Faure Herman SA, General Electric, Hach/Marsh McBirney Inc., Honeywell International Inc., Index Corporation, Invensys Process

Systems, Rockwell Automation Inc., Siemens AG, Teledyne Isco Inc., Yamatake Co. and Yokogawa Electric Co.

This report provides a deep insight into the global ultrasonic flowmeter market covering all its essential aspects. This ranges from macro overview of the market to micro details of the industry performance, recent trends, key market drivers and challenges, SWOT analysis, Porter's five forces analysis, value chain analysis, etc. This report is a must-read for entrepreneurs, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the ultrasonic flowmeter industry in any manner.

Key Questions Answered in This Report

1. What was the size of the global ultrasonic flowmeter market in 2022?
2. What is the expected growth rate of the global ultrasonic flowmeter market during 2023-2028?
3. What are the key factors driving the global ultrasonic flowmeter market?
4. What has been the impact of COVID-19 on the global ultrasonic flowmeter market?
5. What is the breakup of the global ultrasonic flowmeter market based on the product type?
6. What is the breakup of the global ultrasonic flowmeter market based on the technology?
7. What is the breakup of the global ultrasonic flowmeter market based on the distribution channel?
8. What is the breakup of the global ultrasonic flowmeter market based on the application?
9. What are the key regions in the global ultrasonic flowmeter market?
10. Who are the key players/companies in the global ultrasonic flowmeter market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

2.1 Objectives of the Study

2.2 Stakeholders

2.3 Data Sources

2.3.1 Primary Sources

2.3.2 Secondary Sources

2.4 Market Estimation

2.4.1 Bottom-Up Approach

2.4.2 Top-Down Approach

2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

4.1 Overview

4.2 Key Industry Trends

5 GLOBAL ULTRASONIC FLOWMETER MARKET

5.1 Market Overview

5.2 Market Performance

5.3 Impact of COVID-19

5.4 Market Breakup by Product Type

5.5 Market Breakup by Number of Paths

5.6 Market Breakup by Technology

5.7 Market Breakup by Distribution Channel

5.8 Market Breakup by Application

5.9 Market Breakup by Region

5.10 Market Forecast

5.11 SWOT Analysis

5.11.1 Overview

5.11.2 Strengths

5.11.3 Weaknesses

5.11.4 Opportunities

5.11.5 Threats

5.12 Value Chain Analysis

5.12.1 Overview

5.12.2 Research and Development

5.12.3 Raw Material Procurement

5.12.4 Manufacturing

5.12.5 Distribution

5.12.6 Export

5.12.7 End-Use

5.13 Porters Five Forces Analysis

5.13.1 Overview

5.13.2 Bargaining Power of Buyers

5.13.3 Bargaining Power of Suppliers

5.13.4 Degree of Competition

5.13.5 Threat of New Entrants

5.13.6 Threat of Substitutes

6 MARKET BREAKUP BY PRODUCT TYPE

6.1 Spool Peice

6.1.1 Market Trends

6.1.2 Market Forecast

6.2 Insertion

6.2.1 Market Trends

6.2.2 Market Forecast

6.3 Clamp-On

6.3.1 Market Trends

6.3.2 Market Forecast

6.4 Others

6.4.1 Market Trends

6.4.2 Market Forecast

7 MARKET BREAKUP BY NUMBER OF PATHS

7.13-Path Transit Time

7.1.1 Market Trends

7.1.2 Market Forecast

7.24- Path Transit Time

- 7.2.1Market Trends
- 7.2.2Market Forecast
- 7.35- Path Transit Time
 - 7.3.1Market Trends
 - 7.3.2Market Forecast
- 7.46 or More Path Transit Time
 - 7.4.1Market Trends
 - 7.4.2Market Forecast

8 MARKET BREAKUP BY TECHNOLOGY

- 8.1Transit Time - Single/Dual Path
 - 8.1.1Market Trends
 - 8.1.2Market Forecast
- 8.2Transit Time - Multipath
 - 8.2.1Market Trends
 - 8.2.2Market Forecast
- 8.3Doppler
 - 8.3.1Market Trends
 - 8.3.2Market Forecast
- 8.4Hybrid
 - 8.4.1Market Trends
 - 8.4.2Market Forecast

9 MARKET BREAKUP BY DISTRIBUTION CHANNEL

- 9.1Direct Sales
 - 9.1.1Market Trends
 - 9.1.2Market Forecast
- 9.2Independent Representatives
 - 9.2.1Market Trends
 - 9.2.2Market Forecast
- 9.3Distributors
 - 9.3.1Market Trends
 - 9.3.2Market Forecast
- 9.4Online
 - 9.4.1Market Trends
 - 9.4.2Market Forecast

10 MARKET BREAKUP BY APPLICATION

10.1 Natural Gas

10.1.1 Market Trends

10.1.2 Market Forecast

10.2 Non-Petroleum Liquid

10.2.1 Market Trends

10.2.2 Market Forecast

10.3 Petroleum Liquid

10.3.1 Market Trends

10.3.2 Market Forecast

10.4 Others

10.4.1 Market Trends

10.4.2 Market Forecast

11 MARKET BREAKUP BY REGION

11.1 Asia Pacific

11.1.1 Market Trends

11.1.2 Market Forecast

11.2 North America

11.2.1 Market Trends

11.2.2 Market Forecast

11.3 Europe

11.3.1 Market Trends

11.3.2 Market Forecast

11.4 Middle East and Africa

11.4.1 Market Trends

11.4.2 Market Forecast

11.5 Latin America

11.5.1 Market Trends

11.5.2 Market Forecast

12 ULTRASONIC FLOWMETER MANUFACTURING PROCESS

12.1 Product Overview

12.2 Raw Material Requirements

12.3 Manufacturing Process

12.4 Key Success and Risk Factors

13 COMPETITIVE LANDSCAPE

13.1 Market Structure

13.2 Key Players

13.3 Profiles of Key Players

- 13.3.1 Asea Brown Boveri Ltd.
- 13.3.2 Badger Meter Inc.
- 13.3.3 Emerson Electric Co.
- 13.3.4 Emerson Process Management
- 13.3.5 Faure Herman SA
- 13.3.6 General Electric
- 13.3.7 Hach/Marsh McBirney Inc.
- 13.3.8 Honeywell International Inc.
- 13.3.9 Index Corporation
- 13.3.10 Invensys Process Systems
- 13.3.11 Rockwell Automation Inc.
- 13.3.12 Siemens AG
- 13.3.13 Teledyne Isco Inc.
- 13.3.14 Yamatake Co.
- 13.3.15 Yokogawa Electric Co.

List Of Tables

LIST OF TABLES

Table 1: Global: Ultrasonic Flowmeter Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Ultrasonic Flowmeter Market Forecast: Breakup by Product Type (in Million US\$), 2023-2028

Table 3: Global: Ultrasonic Flowmeter Market Forecast: Breakup by Number of Paths (in Million US\$), 2023-2028

Table 4: Global: Ultrasonic Flowmeter Market Forecast: Breakup by Technology (in Million US\$), 2023-2028

Table 5: Global: Ultrasonic Flowmeter Market Forecast: Breakup by Distribution Channel (in Million US\$), 2023-2028

Table 6: Global: Ultrasonic Flowmeter Market Forecast: Breakup by Application (in Million US\$), 2023-2028

Table 7: Global: Ultrasonic Flowmeter Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 8: Ultrasonic Flowmeter Manufacturing: Raw Material Requirements

Table 9: Global: Ultrasonic Flowmeter Market: Competitive Structure

Table 10: Global: Ultrasonic Flowmeter Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Ultrasonic Flowmeter Market: Major Drivers and Challenges

Figure 2: Global: Ultrasonic Flowmeter Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Ultrasonic Flowmeter Market: Breakup by Product Type (in %), 2022

Figure 4: Global: Ultrasonic Flowmeter Market: Breakup by Number of Paths (in %), 2022

Figure 5: Global: Ultrasonic Flowmeter Market: Breakup by Technology (in %), 2022

Figure 6: Global: Ultrasonic Flowmeter Market: Breakup by Distribution Channel (in %), 2022

Figure 7: Global: Ultrasonic Flowmeter Market: Breakup by Application (in %), 2022

Figure 8: Global: Ultrasonic Flowmeter Market: Breakup by Region (in %), 2022

Figure 9: Global: Ultrasonic Flowmeter Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 10: Global: Ultrasonic Flowmeter Industry: SWOT Analysis

Figure 11: Global: Ultrasonic Flowmeter Industry: Value Chain Analysis

Figure 12: Global: Ultrasonic Flowmeter Industry: Porter's Five Forces Analysis

Figure 13: Global: Ultrasonic Flowmeter (Spool Piece) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 14: Global: Ultrasonic Flowmeter (Spool Piece) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 15: Global: Ultrasonic Flowmeter (Insertion) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 16: Global: Ultrasonic Flowmeter (Insertion) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 17: Global: Ultrasonic Flowmeter (Clamp-On) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 18: Global: Ultrasonic Flowmeter (Clamp-On) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 19: Global: Ultrasonic Flowmeter (Others) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 20: Global: Ultrasonic Flowmeter (Others) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 21: Global: Ultrasonic Flowmeter (3-Path Transit Time) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 22: Global: Ultrasonic Flowmeter (3-Path Transit Time) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 23: Global: Ultrasonic Flowmeter (4- Path Transit Time) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 24: Global: Ultrasonic Flowmeter (4- Path Transit Time) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 25: Global: Ultrasonic Flowmeter (5- Path Transit Time) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 26: Global: Ultrasonic Flowmeter (5- Path Transit Time) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 27: Global: Ultrasonic Flowmeter (6 or More Path Transit Time) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 28: Global: Ultrasonic Flowmeter (6 or More Path Transit Time) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 29: Global: Ultrasonic Flowmeter (Transit Time - Single/Dual Path) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 30: Global: Ultrasonic Flowmeter (Transit Time - Single/Dual Path) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 31: Global: Ultrasonic Flowmeter (Transit Time - Multipath) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 32: Global: Ultrasonic Flowmeter (Transit Time - Multipath) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 33: Global: Ultrasonic Flowmeter (Doppler) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 34: Global: Ultrasonic Flowmeter (Doppler) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 35: Global: Ultrasonic Flowmeter (Hybrid) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 36: Global: Ultrasonic Flowmeter (Hybrid) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 37: Global: Ultrasonic Flowmeter Market: Direct Sales (in Million US\$), 2017 & 2022

Figure 38: Global: Ultrasonic Flowmeter Market Forecast: Direct Sales (in Million US\$), 2023-2028

Figure 39: Global: Ultrasonic Flowmeter Market: Sales through Independent Representatives (in Million US\$), 2017 & 2022

Figure 40: Global: Ultrasonic Flowmeter Market Forecast: Sales through Independent Representatives (in Million US\$), 2023-2028

Figure 41: Global: Ultrasonic Flowmeter Market: Sales through Distributors (in Million US\$), 2017 & 2022

Figure 42: Global: Ultrasonic Flowmeter Market Forecast: Sales through Distributors (in

Million US\$), 2023-2028

Figure 43: Global: Ultrasonic Flowmeter Market: Online Sales (in Million US\$), 2017 & 2022

Figure 44: Global: Ultrasonic Flowmeter Market Forecast: Online Sales (in Million US\$), 2023-2028

Figure 45: Global: Ultrasonic Flowmeter (Natural Gas) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 46: Global: Ultrasonic Flowmeter (Natural Gas) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 47: Global: Ultrasonic Flowmeter (Non-Petroleum Liquid) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 48: Global: Ultrasonic Flowmeter (Non-Petroleum Liquid) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 49: Global: Ultrasonic Flowmeter (Petroleum Liquid) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 50: Global: Ultrasonic Flowmeter (Petroleum Liquid) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 51: Global: Ultrasonic Flowmeter (Other Applications) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 52: Global: Ultrasonic Flowmeter (Other Applications) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 53: Asia Pacific: Ultrasonic Flowmeter Market: Sales Value (in Million US\$), 2017 & 2022

Figure 54: Asia Pacific: Ultrasonic Flowmeter Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 55: North America: Ultrasonic Flowmeter Market: Sales Value (in Million US\$), 2017 & 2022

Figure 56: North America: Ultrasonic Flowmeter Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 57: Europe: Ultrasonic Flowmeter Market: Sales Value (in Million US\$), 2017 & 2022

Figure 58: Europe: Ultrasonic Flowmeter Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 59: Middle East and Africa: Ultrasonic Flowmeter Market: Sales Value (in Million US\$), 2017 & 2022

Figure 60: Middle East and Africa: Ultrasonic Flowmeter Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 61: Latin America: Ultrasonic Flowmeter Market: Sales Value (in Million US\$), 2017 & 2022

Figure 62: Latin America: Ultrasonic Flowmeter Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 63: Ultrasonic Flowmeter Manufacturing: Detailed Process Flow

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