

# Global Rotor Multi-flow Dry Type Remote Transmission Water Meter Supply, Demand and Key Producers, 2024-2030

https://marketpublishers.com/r/GEDB010D18E9EN.html

Date: March 2024 Pages: 127 Price: US\$ 4,480.00 (Single User License) ID: GEDB010D18E9EN

## **Abstracts**

The global Rotor Multi-flow Dry Type Remote Transmission Water Meter market size is expected to reach \$ million by 2030, rising at a market growth of % CAGR during the forecast period (2024-2030).

The rotor multi-flow dry-type remote transmission water meter is a smart water meter that can achieve long-distance meter reading and water leakage monitoring through non-magnetic acquisition and NB-IoT communication technology. Its characteristics are: the counting mechanism is isolated from the water being measured, is not affected by impurities in the water, and the reading is clear. The distribution function of the impeller box makes multiple streams of water flow tangentially impact the impeller, reducing the wear of the impeller support part and improving the measurement accuracy. Antimagnetic interference, supports lead sealing, and has theft alarm function. The error adjustment device is an external adjustment type, which is convenient for adjustment.

This report studies the global Rotor Multi-flow Dry Type Remote Transmission Water Meter production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Rotor Multiflow Dry Type Remote Transmission Water Meter, 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 Rotor Multi-flow Dry Type Remote Transmission Water Meter that contribute to its increasing demand across many markets.

Highlights and key features of the study



Global Rotor Multi-flow Dry Type Remote Transmission Water Meter total production and demand, 2019-2030, (K Units)

Global Rotor Multi-flow Dry Type Remote Transmission Water Meter total production value, 2019-2030, (USD Million)

Global Rotor Multi-flow Dry Type Remote Transmission Water Meter production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (K Units)

Global Rotor Multi-flow Dry Type Remote Transmission Water Meter consumption by region & country, CAGR, 2019-2030 & (K Units)

U.S. VS China: Rotor Multi-flow Dry Type Remote Transmission Water Meter domestic production, consumption, key domestic manufacturers and share

Global Rotor Multi-flow Dry Type Remote Transmission Water Meter production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (K Units)

Global Rotor Multi-flow Dry Type Remote Transmission Water Meter production by Type, production, value, CAGR, 2019-2030, (USD Million) & (K Units)

Global Rotor Multi-flow Dry Type Remote Transmission Water Meter production by Application production, value, CAGR, 2019-2030, (USD Million) & (K Units).

This reports profiles key players in the global Rotor Multi-flow Dry Type Remote Transmission Water Meter 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 Honeywell International Inc., Xylem Inc. (Sensus USA Inc.), Badger Meter, Inc., Zenner USA, Inc., Kamstrup Water Metering LLC (Kamstrup A/S), Neptune Technology Group Inc., Master Meter Inc., Metron-Farnier Inc. and Muller Systems LLC, 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 Rotor Multi-flow Dry Type Remote Transmission Water



Meter 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 Rotor Multi-flow Dry Type Remote Transmission Water Meter Market, By Region:

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

Global Rotor Multi-flow Dry Type Remote Transmission Water Meter Market, Segmentation by Type

Horizontal Remote Water Meter

Vertical Remote Transmission Water Meter

Global Rotor Multi-flow Dry Type Remote Transmission Water Meter Market,



Segmentation by Application

Household

Commercial

**Companies Profiled:** 

Honeywell International Inc.

Xylem Inc. (Sensus USA Inc.)

Badger Meter, Inc.

Zenner USA, Inc.

Kamstrup Water Metering LLC (Kamstrup A/S)

Neptune Technology Group Inc.

Master Meter Inc.

Metron-Farnier Inc.

Muller Systems LLC

DIEHL Metering LLC USA (DIEHL Stiftung & Co. KG)

Carlon Meter Inc.

Weihai Kunke Flow Instrument Co., Ltd.

Acro Fluid

**Dwyer Instruments** 



1. How big is the global Rotor Multi-flow Dry Type Remote Transmission Water Meter market?

2. What is the demand of the global Rotor Multi-flow Dry Type Remote Transmission Water Meter market?

3. What is the year over year growth of the global Rotor Multi-flow Dry Type Remote Transmission Water Meter market?

4. What is the production and production value of the global Rotor Multi-flow Dry Type Remote Transmission Water Meter market?

5. Who are the key producers in the global Rotor Multi-flow Dry Type Remote Transmission Water Meter market?



# Contents

#### **1 SUPPLY SUMMARY**

1.1 Rotor Multi-flow Dry Type Remote Transmission Water Meter Introduction

1.2 World Rotor Multi-flow Dry Type Remote Transmission Water Meter Supply & Forecast

1.2.1 World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value (2019 & 2023 & 2030)

1.2.2 World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (2019-2030)

1.2.3 World Rotor Multi-flow Dry Type Remote Transmission Water Meter Pricing Trends (2019-2030)

1.3 World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production by Region (Based on Production Site)

1.3.1 World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value by Region (2019-2030)

1.3.2 World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production by Region (2019-2030)

1.3.3 World Rotor Multi-flow Dry Type Remote Transmission Water Meter Average Price by Region (2019-2030)

1.3.4 North America Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (2019-2030)

1.3.5 Europe Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (2019-2030)

1.3.6 China Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (2019-2030)

1.3.7 Japan Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (2019-2030)

1.4 Market Drivers, Restraints and Trends

1.4.1 Rotor Multi-flow Dry Type Remote Transmission Water Meter Market Drivers

1.4.2 Factors Affecting Demand

1.4.3 Rotor Multi-flow Dry Type Remote Transmission Water Meter Major Market Trends

#### **2 DEMAND SUMMARY**

2.1 World Rotor Multi-flow Dry Type Remote Transmission Water Meter Demand (2019-2030)

Global Rotor Multi-flow Dry Type Remote Transmission Water Meter Supply, Demand and Key Producers, 2024-2030



2.2 World Rotor Multi-flow Dry Type Remote Transmission Water Meter Consumption by Region

2.2.1 World Rotor Multi-flow Dry Type Remote Transmission Water Meter Consumption by Region (2019-2024)

2.2.2 World Rotor Multi-flow Dry Type Remote Transmission Water Meter Consumption Forecast by Region (2025-2030)

2.3 United States Rotor Multi-flow Dry Type Remote Transmission Water Meter Consumption (2019-2030)

2.4 China Rotor Multi-flow Dry Type Remote Transmission Water Meter Consumption (2019-2030)

2.5 Europe Rotor Multi-flow Dry Type Remote Transmission Water Meter Consumption (2019-2030)

2.6 Japan Rotor Multi-flow Dry Type Remote Transmission Water Meter Consumption (2019-2030)

2.7 South Korea Rotor Multi-flow Dry Type Remote Transmission Water Meter Consumption (2019-2030)

2.8 ASEAN Rotor Multi-flow Dry Type Remote Transmission Water Meter Consumption (2019-2030)

2.9 India Rotor Multi-flow Dry Type Remote Transmission Water Meter Consumption (2019-2030)

### 3 WORLD ROTOR MULTI-FLOW DRY TYPE REMOTE TRANSMISSION WATER METER MANUFACTURERS COMPETITIVE ANALYSIS

3.1 World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value by Manufacturer (2019-2024)

3.2 World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production by Manufacturer (2019-2024)

3.3 World Rotor Multi-flow Dry Type Remote Transmission Water Meter Average Price by Manufacturer (2019-2024)

3.4 Rotor Multi-flow Dry Type Remote Transmission Water Meter Company Evaluation Quadrant

3.5 Industry Rank and Concentration Rate (CR)

3.5.1 Global Rotor Multi-flow Dry Type Remote Transmission Water Meter Industry Rank of Major Manufacturers

3.5.2 Global Concentration Ratios (CR4) for Rotor Multi-flow Dry Type Remote Transmission Water Meter in 2023

3.5.3 Global Concentration Ratios (CR8) for Rotor Multi-flow Dry Type Remote Transmission Water Meter in 2023



3.6 Rotor Multi-flow Dry Type Remote Transmission Water Meter Market: Overall Company Footprint Analysis

3.6.1 Rotor Multi-flow Dry Type Remote Transmission Water Meter Market: Region Footprint

3.6.2 Rotor Multi-flow Dry Type Remote Transmission Water Meter Market: Company Product Type Footprint

3.6.3 Rotor Multi-flow Dry Type Remote Transmission Water Meter 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: Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value Comparison

4.1.1 United States VS China: Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value Comparison (2019 & 2023 & 2030)

4.1.2 United States VS China: Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value Market Share Comparison (2019 & 2023 & 2030)

4.2 United States VS China: Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Comparison

4.2.1 United States VS China: Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Comparison (2019 & 2023 & 2030)

4.2.2 United States VS China: Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Market Share Comparison (2019 & 2023 & 2030)

4.3 United States VS China: Rotor Multi-flow Dry Type Remote Transmission Water Meter Consumption Comparison

4.3.1 United States VS China: Rotor Multi-flow Dry Type Remote Transmission Water Meter Consumption Comparison (2019 & 2023 & 2030)

4.3.2 United States VS China: Rotor Multi-flow Dry Type Remote Transmission Water Meter Consumption Market Share Comparison (2019 & 2023 & 2030)

4.4 United States Based Rotor Multi-flow Dry Type Remote Transmission Water Meter Manufacturers and Market Share, 2019-2024

4.4.1 United States Based Rotor Multi-flow Dry Type Remote Transmission Water Meter Manufacturers, Headquarters and Production Site (States, Country)



4.4.2 United States Based Manufacturers Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value (2019-2024)

4.4.3 United States Based Manufacturers Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (2019-2024)

4.5 China Based Rotor Multi-flow Dry Type Remote Transmission Water Meter Manufacturers and Market Share

4.5.1 China Based Rotor Multi-flow Dry Type Remote Transmission Water Meter Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value (2019-2024)

4.5.3 China Based Manufacturers Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (2019-2024)

4.6 Rest of World Based Rotor Multi-flow Dry Type Remote Transmission Water Meter Manufacturers and Market Share, 2019-2024

4.6.1 Rest of World Based Rotor Multi-flow Dry Type Remote Transmission Water Meter Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value (2019-2024)

4.6.3 Rest of World Based Manufacturers Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (2019-2024)

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

5.1 World Rotor Multi-flow Dry Type Remote Transmission Water Meter Market Size Overview by Type: 2019 VS 2023 VS 2030

5.2 Segment Introduction by Type

5.2.1 Horizontal Remote Water Meter

5.2.2 Vertical Remote Transmission Water Meter

5.3 Market Segment by Type

5.3.1 World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production by Type (2019-2030)

5.3.2 World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value by Type (2019-2030)

5.3.3 World Rotor Multi-flow Dry Type Remote Transmission Water Meter Average Price by Type (2019-2030)

#### 6 MARKET ANALYSIS BY APPLICATION

6.1 World Rotor Multi-flow Dry Type Remote Transmission Water Meter Market Size

Global Rotor Multi-flow Dry Type Remote Transmission Water Meter Supply, Demand and Key Producers, 2024-2030



Overview by Application: 2019 VS 2023 VS 2030

6.2 Segment Introduction by Application

6.2.1 Household

6.2.2 Commercial

6.3 Market Segment by Application

6.3.1 World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production by Application (2019-2030)

6.3.2 World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value by Application (2019-2030)

6.3.3 World Rotor Multi-flow Dry Type Remote Transmission Water Meter Average Price by Application (2019-2030)

#### 7 COMPANY PROFILES

7.1 Honeywell International Inc.

7.1.1 Honeywell International Inc. Details

7.1.2 Honeywell International Inc. Major Business

7.1.3 Honeywell International Inc. Rotor Multi-flow Dry Type Remote Transmission Water Meter Product and Services

7.1.4 Honeywell International Inc. Rotor Multi-flow Dry Type Remote Transmission Water Meter Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.1.5 Honeywell International Inc. Recent Developments/Updates

7.1.6 Honeywell International Inc. Competitive Strengths & Weaknesses

7.2 Xylem Inc. (Sensus USA Inc.)

7.2.1 Xylem Inc. (Sensus USA Inc.) Details

7.2.2 Xylem Inc. (Sensus USA Inc.) Major Business

7.2.3 Xylem Inc. (Sensus USA Inc.) Rotor Multi-flow Dry Type Remote Transmission Water Meter Product and Services

7.2.4 Xylem Inc. (Sensus USA Inc.) Rotor Multi-flow Dry Type Remote Transmission Water Meter Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.2.5 Xylem Inc. (Sensus USA Inc.) Recent Developments/Updates

7.2.6 Xylem Inc. (Sensus USA Inc.) Competitive Strengths & Weaknesses

7.3 Badger Meter, Inc.

7.3.1 Badger Meter, Inc. Details

7.3.2 Badger Meter, Inc. Major Business

7.3.3 Badger Meter, Inc. Rotor Multi-flow Dry Type Remote Transmission Water Meter Product and Services

7.3.4 Badger Meter, Inc. Rotor Multi-flow Dry Type Remote Transmission Water Meter Production, Price, Value, Gross Margin and Market Share (2019-2024)



7.3.5 Badger Meter, Inc. Recent Developments/Updates

7.3.6 Badger Meter, Inc. Competitive Strengths & Weaknesses

7.4 Zenner USA, Inc.

7.4.1 Zenner USA, Inc. Details

7.4.2 Zenner USA, Inc. Major Business

7.4.3 Zenner USA, Inc. Rotor Multi-flow Dry Type Remote Transmission Water Meter Product and Services

7.4.4 Zenner USA, Inc. Rotor Multi-flow Dry Type Remote Transmission Water Meter Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.4.5 Zenner USA, Inc. Recent Developments/Updates

7.4.6 Zenner USA, Inc. Competitive Strengths & Weaknesses

7.5 Kamstrup Water Metering LLC (Kamstrup A/S)

7.5.1 Kamstrup Water Metering LLC (Kamstrup A/S) Details

7.5.2 Kamstrup Water Metering LLC (Kamstrup A/S) Major Business

7.5.3 Kamstrup Water Metering LLC (Kamstrup A/S) Rotor Multi-flow Dry Type Remote Transmission Water Meter Product and Services

7.5.4 Kamstrup Water Metering LLC (Kamstrup A/S) Rotor Multi-flow Dry Type Remote Transmission Water Meter Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.5.5 Kamstrup Water Metering LLC (Kamstrup A/S) Recent Developments/Updates

7.5.6 Kamstrup Water Metering LLC (Kamstrup A/S) Competitive Strengths &

Weaknesses

7.6 Neptune Technology Group Inc.

7.6.1 Neptune Technology Group Inc. Details

7.6.2 Neptune Technology Group Inc. Major Business

7.6.3 Neptune Technology Group Inc. Rotor Multi-flow Dry Type Remote Transmission Water Meter Product and Services

7.6.4 Neptune Technology Group Inc. Rotor Multi-flow Dry Type Remote Transmission Water Meter Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.6.5 Neptune Technology Group Inc. Recent Developments/Updates

7.6.6 Neptune Technology Group Inc. Competitive Strengths & Weaknesses 7.7 Master Meter Inc.

7.7.1 Master Meter Inc. Details

7.7.2 Master Meter Inc. Major Business

7.7.3 Master Meter Inc. Rotor Multi-flow Dry Type Remote Transmission Water Meter Product and Services

7.7.4 Master Meter Inc. Rotor Multi-flow Dry Type Remote Transmission Water Meter Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.7.5 Master Meter Inc. Recent Developments/Updates



7.7.6 Master Meter Inc. Competitive Strengths & Weaknesses

7.8 Metron-Farnier Inc.

7.8.1 Metron-Farnier Inc. Details

7.8.2 Metron-Farnier Inc. Major Business

7.8.3 Metron-Farnier Inc. Rotor Multi-flow Dry Type Remote Transmission Water Meter Product and Services

7.8.4 Metron-Farnier Inc. Rotor Multi-flow Dry Type Remote Transmission Water Meter Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.8.5 Metron-Farnier Inc. Recent Developments/Updates

7.8.6 Metron-Farnier Inc. Competitive Strengths & Weaknesses

7.9 Muller Systems LLC

7.9.1 Muller Systems LLC Details

7.9.2 Muller Systems LLC Major Business

7.9.3 Muller Systems LLC Rotor Multi-flow Dry Type Remote Transmission Water Meter Product and Services

7.9.4 Muller Systems LLC Rotor Multi-flow Dry Type Remote Transmission Water Meter Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.9.5 Muller Systems LLC Recent Developments/Updates

7.9.6 Muller Systems LLC Competitive Strengths & Weaknesses

7.10 DIEHL Metering LLC USA (DIEHL Stiftung & Co. KG)

7.10.1 DIEHL Metering LLC USA (DIEHL Stiftung & Co. KG) Details

7.10.2 DIEHL Metering LLC USA (DIEHL Stiftung & Co. KG) Major Business

7.10.3 DIEHL Metering LLC USA (DIEHL Stiftung & Co. KG) Rotor Multi-flow Dry Type Remote Transmission Water Meter Product and Services

7.10.4 DIEHL Metering LLC USA (DIEHL Stiftung & Co. KG) Rotor Multi-flow Dry Type Remote Transmission Water Meter Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.10.5 DIEHL Metering LLC USA (DIEHL Stiftung & Co. KG) Recent Developments/Updates

7.10.6 DIEHL Metering LLC USA (DIEHL Stiftung & Co. KG) Competitive Strengths & Weaknesses

7.11 Carlon Meter Inc.

7.11.1 Carlon Meter Inc. Details

7.11.2 Carlon Meter Inc. Major Business

7.11.3 Carlon Meter Inc. Rotor Multi-flow Dry Type Remote Transmission Water Meter Product and Services

7.11.4 Carlon Meter Inc. Rotor Multi-flow Dry Type Remote Transmission Water Meter Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.11.5 Carlon Meter Inc. Recent Developments/Updates



7.11.6 Carlon Meter Inc. Competitive Strengths & Weaknesses

7.12 Weihai Kunke Flow Instrument Co., Ltd.

7.12.1 Weihai Kunke Flow Instrument Co., Ltd. Details

7.12.2 Weihai Kunke Flow Instrument Co., Ltd. Major Business

7.12.3 Weihai Kunke Flow Instrument Co., Ltd. Rotor Multi-flow Dry Type Remote Transmission Water Meter Product and Services

7.12.4 Weihai Kunke Flow Instrument Co., Ltd. Rotor Multi-flow Dry Type Remote Transmission Water Meter Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.12.5 Weihai Kunke Flow Instrument Co., Ltd. Recent Developments/Updates

7.12.6 Weihai Kunke Flow Instrument Co., Ltd. Competitive Strengths & Weaknesses 7.13 Acro Fluid

7.13.1 Acro Fluid Details

7.13.2 Acro Fluid Major Business

7.13.3 Acro Fluid Rotor Multi-flow Dry Type Remote Transmission Water Meter Product and Services

7.13.4 Acro Fluid Rotor Multi-flow Dry Type Remote Transmission Water Meter Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.13.5 Acro Fluid Recent Developments/Updates

7.13.6 Acro Fluid Competitive Strengths & Weaknesses

7.14 Dwyer Instruments

7.14.1 Dwyer Instruments Details

7.14.2 Dwyer Instruments Major Business

7.14.3 Dwyer Instruments Rotor Multi-flow Dry Type Remote Transmission Water Meter Product and Services

7.14.4 Dwyer Instruments Rotor Multi-flow Dry Type Remote Transmission Water Meter Production, Price, Value, Gross Margin and Market Share (2019-2024)

7.14.5 Dwyer Instruments Recent Developments/Updates

7.14.6 Dwyer Instruments Competitive Strengths & Weaknesses

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

8.1 Rotor Multi-flow Dry Type Remote Transmission Water Meter Industry Chain

8.2 Rotor Multi-flow Dry Type Remote Transmission Water Meter Upstream Analysis

8.2.1 Rotor Multi-flow Dry Type Remote Transmission Water Meter Core Raw Materials

8.2.2 Main Manufacturers of Rotor Multi-flow Dry Type Remote Transmission Water Meter Core Raw Materials

8.3 Midstream Analysis



8.4 Downstream Analysis

8.5 Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Mode

8.6 Rotor Multi-flow Dry Type Remote Transmission Water Meter Procurement Model

8.7 Rotor Multi-flow Dry Type Remote Transmission Water Meter Industry Sales Model and Sales Channels

8.7.1 Rotor Multi-flow Dry Type Remote Transmission Water Meter Sales Model8.7.2 Rotor Multi-flow Dry Type Remote Transmission Water Meter 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 Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value by Region (2019, 2023 and 2030) & (USD Million)

Table 2. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value by Region (2019-2024) & (USD Million)

Table 3. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value by Region (2025-2030) & (USD Million)

Table 4. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value Market Share by Region (2019-2024)

Table 5. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value Market Share by Region (2025-2030)

Table 6. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production by Region (2019-2024) & (K Units)

Table 7. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production by Region (2025-2030) & (K Units)

Table 8. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Market Share by Region (2019-2024)

Table 9. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Market Share by Region (2025-2030)

Table 10. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Average Price by Region (2019-2024) & (US\$/Unit)

Table 11. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Average Price by Region (2025-2030) & (US\$/Unit)

Table 12. Rotor Multi-flow Dry Type Remote Transmission Water Meter Major Market Trends

Table 13. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Consumption Growth Rate Forecast by Region (2019 & 2023 & 2030) & (K Units)

Table 14. World Rotor Multi-flow Dry Type Remote Transmission Water Meter

Consumption by Region (2019-2024) & (K Units)

Table 15. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Consumption Forecast by Region (2025-2030) & (K Units)

 Table 16. World Rotor Multi-flow Dry Type Remote Transmission Water Meter

Production Value by Manufacturer (2019-2024) & (USD Million)

Table 17. Production Value Market Share of Key Rotor Multi-flow Dry Type RemoteTransmission Water Meter Producers in 2023

Table 18. World Rotor Multi-flow Dry Type Remote Transmission Water Meter



Production by Manufacturer (2019-2024) & (K Units)

Table 19. Production Market Share of Key Rotor Multi-flow Dry Type Remote Transmission Water Meter Producers in 2023

Table 20. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Average Price by Manufacturer (2019-2024) & (US\$/Unit)

Table 21. Global Rotor Multi-flow Dry Type Remote Transmission Water Meter Company Evaluation Quadrant

Table 22. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Industry Rank of Major Manufacturers, Based on Production Value in 2023

Table 23. Head Office and Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Site of Key Manufacturer

Table 24. Rotor Multi-flow Dry Type Remote Transmission Water Meter Market:Company Product Type Footprint

Table 25. Rotor Multi-flow Dry Type Remote Transmission Water Meter Market:Company Product Application Footprint

Table 26. Rotor Multi-flow Dry Type Remote Transmission Water Meter CompetitiveFactors

Table 27. Rotor Multi-flow Dry Type Remote Transmission Water Meter New Entrant and Capacity Expansion Plans

Table 28. Rotor Multi-flow Dry Type Remote Transmission Water Meter Mergers &Acquisitions Activity

Table 29. United States VS China Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value Comparison, (2019 & 2023 & 2030) & (USD Million) Table 30. United States VS China Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Comparison, (2019 & 2023 & 2030) & (K Units)

Table 31. United States VS China Rotor Multi-flow Dry Type Remote Transmission

Water Meter Consumption Comparison, (2019 & 2023 & 2030) & (K Units)

Table 32. United States Based Rotor Multi-flow Dry Type Remote Transmission Water Meter Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value, (2019-2024) & (USD Million)

Table 34. United States Based Manufacturers Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value Market Share (2019-2024)

Table 35. United States Based Manufacturers Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (2019-2024) & (K Units)

Table 36. United States Based Manufacturers Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Market Share (2019-2024)

Table 37. China Based Rotor Multi-flow Dry Type Remote Transmission Water Meter Manufacturers, Headquarters and Production Site (Province, Country)



Table 38. China Based Manufacturers Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value, (2019-2024) & (USD Million)

Table 39. China Based Manufacturers Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value Market Share (2019-2024)

Table 40. China Based Manufacturers Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (2019-2024) & (K Units)

Table 41. China Based Manufacturers Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Market Share (2019-2024)

Table 42. Rest of World Based Rotor Multi-flow Dry Type Remote Transmission Water Meter Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Rotor Multi-flow Dry Type Remote

Transmission Water Meter Production Value, (2019-2024) & (USD Million)

Table 44. Rest of World Based Manufacturers Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value Market Share (2019-2024)

Table 45. Rest of World Based Manufacturers Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (2019-2024) & (K Units)

Table 46. Rest of World Based Manufacturers Rotor Multi-flow Dry Type RemoteTransmission Water Meter Production Market Share (2019-2024)

Table 47. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value by Type, (USD Million), 2019 & 2023 & 2030

Table 48. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production by Type (2019-2024) & (K Units)

Table 49. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production by Type (2025-2030) & (K Units)

Table 50. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value by Type (2019-2024) & (USD Million)

Table 51. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value by Type (2025-2030) & (USD Million)

Table 52. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Average Price by Type (2019-2024) & (US\$/Unit)

Table 53. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Average Price by Type (2025-2030) & (US\$/Unit)

Table 54. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value by Application, (USD Million), 2019 & 2023 & 2030

Table 55. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production by Application (2019-2024) & (K Units)

Table 56. World Rotor Multi-flow Dry Type Remote Transmission Water MeterProduction by Application (2025-2030) & (K Units)

 Table 57. World Rotor Multi-flow Dry Type Remote Transmission Water Meter



Production Value by Application (2019-2024) & (USD Million) Table 58. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value by Application (2025-2030) & (USD Million) Table 59. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Average Price by Application (2019-2024) & (US\$/Unit) Table 60. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Average Price by Application (2025-2030) & (US\$/Unit) Table 61. Honeywell International Inc. Basic Information, Manufacturing Base and Competitors Table 62. Honeywell International Inc. Major Business Table 63. Honeywell International Inc. Rotor Multi-flow Dry Type Remote Transmission Water Meter Product and Services Table 64. Honeywell International Inc. Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024) Table 65. Honeywell International Inc. Recent Developments/Updates Table 66. Honeywell International Inc. Competitive Strengths & Weaknesses Table 67. Xylem Inc. (Sensus USA Inc.) Basic Information, Manufacturing Base and Competitors Table 68. Xylem Inc. (Sensus USA Inc.) Major Business Table 69. Xylem Inc. (Sensus USA Inc.) Rotor Multi-flow Dry Type Remote Transmission Water Meter Product and Services Table 70. Xylem Inc. (Sensus USA Inc.) Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024) Table 71. Xylem Inc. (Sensus USA Inc.) Recent Developments/Updates Table 72. Xylem Inc. (Sensus USA Inc.) Competitive Strengths & Weaknesses Table 73. Badger Meter, Inc. Basic Information, Manufacturing Base and Competitors Table 74. Badger Meter, Inc. Major Business Table 75. Badger Meter, Inc. Rotor Multi-flow Dry Type Remote Transmission Water Meter Product and Services Table 76. Badger Meter, Inc. Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024) Table 77. Badger Meter, Inc. Recent Developments/Updates Table 78. Badger Meter, Inc. Competitive Strengths & Weaknesses Table 79. Zenner USA, Inc. Basic Information, Manufacturing Base and Competitors Table 80. Zenner USA, Inc. Major Business Table 81. Zenner USA, Inc. Rotor Multi-flow Dry Type Remote Transmission Water



Meter Product and Services

Table 82. Zenner USA, Inc. Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024) Table 83. Zenner USA, Inc. Recent Developments/Updates Table 84. Zenner USA, Inc. Competitive Strengths & Weaknesses Table 85. Kamstrup Water Metering LLC (Kamstrup A/S) Basic Information, Manufacturing Base and Competitors Table 86. Kamstrup Water Metering LLC (Kamstrup A/S) Major Business Table 87. Kamstrup Water Metering LLC (Kamstrup A/S) Rotor Multi-flow Dry Type Remote Transmission Water Meter Product and Services Table 88. Kamstrup Water Metering LLC (Kamstrup A/S) Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024) Table 89. Kamstrup Water Metering LLC (Kamstrup A/S) Recent Developments/Updates Table 90. Kamstrup Water Metering LLC (Kamstrup A/S) Competitive Strengths & Weaknesses Table 91. Neptune Technology Group Inc. Basic Information, Manufacturing Base and Competitors Table 92. Neptune Technology Group Inc. Major Business Table 93. Neptune Technology Group Inc. Rotor Multi-flow Dry Type Remote Transmission Water Meter Product and Services Table 94. Neptune Technology Group Inc. Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024) Table 95. Neptune Technology Group Inc. Recent Developments/Updates Table 96. Neptune Technology Group Inc. Competitive Strengths & Weaknesses Table 97. Master Meter Inc. Basic Information, Manufacturing Base and Competitors Table 98. Master Meter Inc. Major Business Table 99. Master Meter Inc. Rotor Multi-flow Dry Type Remote Transmission Water Meter Product and Services Table 100. Master Meter Inc. Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024) Table 101. Master Meter Inc. Recent Developments/Updates Table 102. Master Meter Inc. Competitive Strengths & Weaknesses Table 103. Metron-Farnier Inc. Basic Information, Manufacturing Base and Competitors Table 104. Metron-Farnier Inc. Major Business



Table 105. Metron-Farnier Inc. Rotor Multi-flow Dry Type Remote Transmission Water Meter Product and Services

Table 106. Metron-Farnier Inc. Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 107. Metron-Farnier Inc. Recent Developments/Updates

Table 108. Metron-Farnier Inc. Competitive Strengths & Weaknesses

Table 109. Muller Systems LLC Basic Information, Manufacturing Base and Competitors

Table 110. Muller Systems LLC Major Business

Table 111. Muller Systems LLC Rotor Multi-flow Dry Type Remote Transmission Water Meter Product and Services

Table 112. Muller Systems LLC Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 113. Muller Systems LLC Recent Developments/Updates

 Table 114. Muller Systems LLC Competitive Strengths & Weaknesses

Table 115. DIEHL Metering LLC USA (DIEHL Stiftung & Co. KG) Basic Information, Manufacturing Base and Competitors

Table 116. DIEHL Metering LLC USA (DIEHL Stiftung & Co. KG) Major Business

Table 117. DIEHL Metering LLC USA (DIEHL Stiftung & Co. KG) Rotor Multi-flow Dry Type Remote Transmission Water Meter Product and Services

Table 118. DIEHL Metering LLC USA (DIEHL Stiftung & Co. KG) Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (K Units), Price (US\$/Unit),

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

Table 119. DIEHL Metering LLC USA (DIEHL Stiftung & Co. KG) Recent Developments/Updates

Table 120. DIEHL Metering LLC USA (DIEHL Stiftung & Co. KG) Competitive Strengths & Weaknesses

Table 121. Carlon Meter Inc. Basic Information, Manufacturing Base and CompetitorsTable 122. Carlon Meter Inc. Major Business

Table 123. Carlon Meter Inc. Rotor Multi-flow Dry Type Remote Transmission Water Meter Product and Services

Table 124. Carlon Meter Inc. Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

 Table 125. Carlon Meter Inc. Recent Developments/Updates

Table 126. Carlon Meter Inc. Competitive Strengths & Weaknesses

Table 127. Weihai Kunke Flow Instrument Co., Ltd. Basic Information, Manufacturing



Base and Competitors

Table 128. Weihai Kunke Flow Instrument Co., Ltd. Major Business

Table 129. Weihai Kunke Flow Instrument Co., Ltd. Rotor Multi-flow Dry Type Remote Transmission Water Meter Product and Services

Table 130. Weihai Kunke Flow Instrument Co., Ltd. Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 131. Weihai Kunke Flow Instrument Co., Ltd. Recent Developments/Updates Table 132. Weihai Kunke Flow Instrument Co., Ltd. Competitive Strengths & Weaknesses

Table 133. Acro Fluid Basic Information, Manufacturing Base and CompetitorsTable 134. Acro Fluid Major Business

Table 135. Acro Fluid Rotor Multi-flow Dry Type Remote Transmission Water Meter Product and Services

Table 136. Acro Fluid Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 137. Acro Fluid Recent Developments/Updates

Table 138. Dwyer Instruments Basic Information, Manufacturing Base and CompetitorsTable 139. Dwyer Instruments Major Business

Table 140. Dwyer Instruments Rotor Multi-flow Dry Type Remote Transmission Water Meter Product and Services

Table 141. Dwyer Instruments Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 142. Global Key Players of Rotor Multi-flow Dry Type Remote Transmission Water Meter Upstream (Raw Materials)

Table 143. Rotor Multi-flow Dry Type Remote Transmission Water Meter Typical Customers

Table 144. Rotor Multi-flow Dry Type Remote Transmission Water Meter Typical Distributors

### LIST OF FIGURE

Figure 1. Rotor Multi-flow Dry Type Remote Transmission Water Meter Picture Figure 2. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value: 2019 & 2023 & 2030, (USD Million)

Figure 3. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value and Forecast (2019-2030) & (USD Million)



Figure 4. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (2019-2030) & (K Units) Figure 5. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Average Price (2019-2030) & (US\$/Unit) Figure 6. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value Market Share by Region (2019-2030) Figure 7. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Market Share by Region (2019-2030) Figure 8. North America Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (2019-2030) & (K Units) Figure 9. Europe Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (2019-2030) & (K Units) Figure 10. China Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (2019-2030) & (K Units) Figure 11. Japan Rotor Multi-flow Dry Type Remote Transmission Water Meter Production (2019-2030) & (K Units) Figure 12. Rotor Multi-flow Dry Type Remote Transmission Water Meter Market Drivers Figure 13. Factors Affecting Demand Figure 14. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Consumption (2019-2030) & (K Units) Figure 15. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Consumption Market Share by Region (2019-2030) Figure 16. United States Rotor Multi-flow Dry Type Remote Transmission Water Meter Consumption (2019-2030) & (K Units) Figure 17. China Rotor Multi-flow Dry Type Remote Transmission Water Meter Consumption (2019-2030) & (K Units) Figure 18. Europe Rotor Multi-flow Dry Type Remote Transmission Water Meter Consumption (2019-2030) & (K Units) Figure 19. Japan Rotor Multi-flow Dry Type Remote Transmission Water Meter Consumption (2019-2030) & (K Units) Figure 20. South Korea Rotor Multi-flow Dry Type Remote Transmission Water Meter Consumption (2019-2030) & (K Units) Figure 21. ASEAN Rotor Multi-flow Dry Type Remote Transmission Water Meter Consumption (2019-2030) & (K Units) Figure 22. India Rotor Multi-flow Dry Type Remote Transmission Water Meter Consumption (2019-2030) & (K Units) Figure 23. Producer Shipments of Rotor Multi-flow Dry Type Remote Transmission Water Meter by Manufacturer Revenue (\$MM) and Market Share (%): 2023 Figure 24. Global Four-firm Concentration Ratios (CR4) for Rotor Multi-flow Dry Type



Remote Transmission Water Meter Markets in 2023 Figure 25. Global Four-firm Concentration Ratios (CR8) for Rotor Multi-flow Dry Type Remote Transmission Water Meter Markets in 2023 Figure 26. United States VS China: Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value Market Share Comparison (2019 & 2023 & 2030) Figure 27. United States VS China: Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Market Share Comparison (2019 & 2023 & 2030) Figure 28. United States VS China: Rotor Multi-flow Dry Type Remote Transmission Water Meter Consumption Market Share Comparison (2019 & 2023 & 2030) Figure 29. United States Based Manufacturers Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Market Share 2023 Figure 30. China Based Manufacturers Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Market Share 2023 Figure 31. Rest of World Based Manufacturers Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Market Share 2023 Figure 32. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value by Type, (USD Million), 2019 & 2023 & 2030 Figure 33. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value Market Share by Type in 2023 Figure 34. Horizontal Remote Water Meter Figure 35. Vertical Remote Transmission Water Meter Figure 36. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Market Share by Type (2019-2030) Figure 37. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value Market Share by Type (2019-2030) Figure 38. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Average Price by Type (2019-2030) & (US\$/Unit) Figure 39. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value by Application, (USD Million), 2019 & 2023 & 2030 Figure 40. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value Market Share by Application in 2023 Figure 41. Household Figure 42. Commercial Figure 43. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Market Share by Application (2019-2030) Figure 44. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Production Value Market Share by Application (2019-2030) Figure 45. World Rotor Multi-flow Dry Type Remote Transmission Water Meter Average Price by Application (2019-2030) & (US\$/Unit)



Figure 46. Rotor Multi-flow Dry Type Remote Transmission Water Meter Industry Chain Figure 47. Rotor Multi-flow Dry Type Remote Transmission Water Meter Procurement Model

Figure 48. Rotor Multi-flow Dry Type Remote Transmission Water Meter Sales Model

Figure 49. Rotor Multi-flow Dry Type Remote Transmission Water Meter Sales

Channels, Direct Sales, and Distribution

Figure 50. Methodology

Figure 51. Research Process and Data Source



#### I would like to order

Product name: Global Rotor Multi-flow Dry Type Remote Transmission Water Meter Supply, Demand and Key Producers, 2024-2030

Product link: https://marketpublishers.com/r/GEDB010D18E9EN.html

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

### Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/GEDB010D18E9EN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name: Last name: Email: Company: Address: City: Zip code: Country: Tel: Fax: Your message:

\*\*All fields are required

Custumer signature \_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970



Global Rotor Multi-flow Dry Type Remote Transmission Water Meter Supply, Demand and Key Producers, 2024-2030