

Smart Water Meters Market Size, Share & Trends Analysis Report By Meter Type (Electromagnetic Meter, Ultrasonic Meter, Mechanical Meter), By Technology (AMR, AMI), By Application (Residential, Industrial), By Region, And Segment Forecasts, 2025 - 2030

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Abstracts

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Smart Water Meters Market Size & Trends

The global smart water meters market size was valued at USD 9051.3 million in 2024 and is expected to grow at a CAGR of 10.3% from 2025 to 2030. The smart water meters industry centers on advanced metering devices designed to provide accurate, real-time monitoring of water consumption.

Unlike traditional meters, smart water meters incorporate digital technology, sensors, and communication modules that enable remote data collection, leak detection, and usage alerts. These capabilities help utilities optimize water distribution, reduce losses, and improve billing accuracy, while empowering consumers to manage their water usage more efficiently.

Technological advancements such as integrating IoT, AI, and data analytics enhance the functionality of smart water meters, allowing for improved data accuracy, predictive maintenance, and operational efficiency. For instance, in February 2025, Coimbatore City Municipal Corporation announced plans to implement an IoT-based smart water distribution system to ensure equitable water supply across the 40 wards added to the

city after 2011. Communication technologies such as Advanced Metering Infrastructure (AMI), Radio Frequency (RF), Power Line Communication (PLC), and Broadband Over Power Lines (BPL) facilitate seamless two-way communication between meters and utilities, reducing manual labor and operational costs.

Competitive dynamics in the smart water meters industry involve established multinational corporations and specialized regional players. Companies focus on innovation, sustainability, and strategic partnerships to enhance their product offerings and expand market reach. Efforts to develop recyclable materials and biodegradable components align with broader environmental goals. Collaborations between meter manufacturers and technology providers enable the creation of integrated solutions that meet evolving market needs and support efficient water management globally.

Global Smart Water Meter Market Report Segmentation

This report forecasts revenue growth at global, regional, and country levels and provides an analysis of the latest industry trends in each of the sub-segments from 2018 to 2030. For this study, Grand View Research has segmented the global smart water meters market report based on meter type, technology, application, and region.

Meter Type Outlook (Revenue, USD Million, 2018 - 2030)

Electromagnetic Meter

Ultrasonic Meter

Mechanical Meter

Technology Outlook (Revenue, USD Million, 2018 - 2030)

AMR

AMI

Application Outlook (Revenue, USD Million, 2018 - 2030)

Residential

Commercial

Industrial

Regional Outlook (Revenue, USD Million, 2018 - 2030)

North America

U.S.

Canada

Mexico

Europe

UK

Germany

France

Asia Pacific

China

Japan

India

South Korea

Australia

Latin America

Brazil

Middle East and Africa (MEA)

KSA

UAE

South Africa

Companies Mentioned

Aclara Technologies LLC. (Hubbell)
BMETERS Srl
Diehl Stiftung & Co. KG
Datamatics Global Services Limited
Honeywell International Inc.
Badger Meter, Inc.
Itron Inc.
Kamstrup A/S
Landis+Gyr.
Xylem (Sensus)
Neptune Technology Group Inc.
ZENNER International GmbH & Co. KG

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