Ultrapure Water Market by Equipment, Materials & Services, by Application, by End Use Industry & by Region - Global Trends & Forecast to 2020

Description: “The ultrapure water market projected to reach USD 7.15 billion by 2020.”

The ultrapure water market is projected to reach USD 7.15 billion by 2020, at a CAGR of 7.8% from 2015 to 2020. The increasing consumption of ultrapure water in the semiconductors industry for wafer fabrication process and recent upgradations of supercritical coal fired power plants are some of the key factors driving the growth of the ultrapure water market.

The semiconductor industry is projected to be the largest end-use segment of the market by 2020.

The semiconductors end-use industry accounted for the largest share of the ultrapure water market. This can be attributed to the increased utilization of ultrapure water systems in wafer fabrication, clean room practices, and other processes. With technological advancements in the semiconductors market, the need to provide highest grade of ultrapure water has increased the unit costs for the industry. Thus, several semiconductor wafer manufacturers are the target consumers for ultrapure water in the semiconductors segment.

Asia-Pacific is projected to register the highest growth in the ultrapure water market by 2020.

The ultrapure water market in Asia-Pacific is projected to register the highest CAGR between 2015 and 2020. The growth of the ultrapure water market in the Asia-Pacific is driven by the increasing demand of ultrapure water from China and other countries in the region. China is the major market of ultrapure water in Asia-Pacific with high demand in semiconductors and coal fired power plants, and is followed by Taiwan and South Korea. Asia-Pacific is also estimated to contribute the largest share to the global market.

Consumables/Aftermarket segment of ultrapure water to register high growth, due to increase demand proportional to output of the end users

The consumables/aftermarket segment consisting of membranes and resins is expected to register high growth during the forecast period, due to their short life cycle resulting in continuous demand. Many major players such as Pall Corporation (U.S.), GE Power and Water (U.S.), Microdyn Nadir (Germany), and others have concentrated their market on this segment which requires high investments in R&D.

BREAKDOWN OF PROFILE OF PRIMARY PARTICIPANTS:

- By Company Type: Tier 1 - 15 %, Tier 2 - 35%, and Tier 3 - 50%
- By Designation: C Level - 54%, Manager Level - 25%, and Others - 21%
- By Region: North America - 50%, APAC - 27%, Europe - 21%, and RoW - 1%

The companies profiled in this report are Dow Water & Process Solutions (U.S.), GE Water and Process Technologies Inc. (U.S.), Veolia Environment S.A. (France), Ovivo Inc. (Canada), PALL corporation (U.S.), MICRODYN-NADIR (Germany), Hydranautics (U.S.), Pentair PLC (U.K.), Kurita Water Industries Ltd (Japan), Koch Membrane Systems (U.S.), and Evoqua Water Technologies (U.S.).

Reasons to buy this report:

This report covers the following key aspects:

- What will be the market size by 2020 and what will be the growth rate
- What are the key market trends
- What are the factors expected to drive the growth of the market
- What are the challenges that impact market growth
- Who are the key players in this market
- Global report covers key regions, such as North America, Europe, and Asia-Pacific, including major countries in these regions such as the U.S., China, Taiwan, and Germany.
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