The significance of alternative disinfection methodology such as UV disinfection is growing by the day, as these methods are better than conventional chemical based disinfection. The UV disinfection equipment market is expected to attain market size of $3,663.6 million in 2020, growing at a CAGR of 21% during the forecast period. The key factors driving the market growth include the superior benefits of the technology such as cost effectiveness and energy efficiency, new supportive government initiatives, and the increasing concerns of emerging nations to provide safe drinking water.

Healthcare and chemical industries would open up numerous opportunities for the market in the area of air treatment. Further, the use of UV disinfection for treating water would be fuelled by initiatives to provide clean drinking water such as Millennium Development Goals (MDGs) of the UN for water treatment. Growing efforts for improving hygienic levels in healthcare as well as food and beverages sectors would further supplement the market growth.

The UV disinfection market is segmented into applications such as water treatment, wastewater treatment, air treatment, process water treatment and surface disinfection. Water and wastewater treatment are the two pre-dominant applications of UV disinfection, together constituting nearly 80% of the total market revenue. While water treatment application has the highest market share as it is a high volume driven application, the use of UV disinfection for treating waste water is gaining prominence due to the growing emphasis on treatment and reuse of wastewater.

Geographically, the market is segmented into North America, Europe, Asia-Pacific, Latin America, and Middle East & Africa (LAMEA). The North American region is the largest market of UV disinfection equipment due to early adoption of the technology and supportive government initiatives. The key companies profiled in this report are Aquionics, Atlantic Ultraviolet Corporation, Calgon Carbon Corporation, Trojan Technologies, Philips Lighting, Xylem Inc., Severn Trent Services, Xenex Disinfection Services LLC. and American Ultraviolet, Inc.

Key Benefits:

- The report analyses key market trends, industry growth, driving & limiting factors and opportunities of the world UV disinfection equipment market for a better preview of the worldwide market
- The geographical analysis helps in identifying key players in the market and their strategic moves to maintain their position in the world market
- Porter's five force model highlights the market threats, and the competitive scenario which enables the stakeholders in the market to devise appropriate strategies
- The analysis identifies potential prospects for players to expand their market presence and increase their market share
- Research includes the micro level analysis based on applications and geographies to know the market dynamics in a better way

KEY MARKET SEGMENTS:

The report segments the market on the basis of application and geography as follows:

BY APPLICATION
- Water Treatment
- Municipal Water Treatment
- Residential Water Treatment
- Commercial Water Treatment
- Wastewater Treatment
- Air Treatment
- Healthcare Facilities
- Residential and Commercial
- Bio-Terror Agents
- Process Water Treatment
- Surface Disinfection

BY GEOGRAPHY
- North America
- Europe
- Asia-Pacific
- LAMEA

KEY PLAYERS
- Aquionics
- Atlantic Ultraviolet Corporation
- Calgon Carbon Corporation
- Trojan Technologies
- Philips Lighting
- Xylem Inc.
- Severn Trent Services
- Xenex Disinfection Services LLC
- American Ultraviolet, Inc

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