

2021 Air Quality Monitoring Market - Size, Share, Competition and Forecasts to 2027

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Abstracts

Description:

Air quality monitoring systems is one of the rapidly emerging markets worldwide with around 8.42% CAGR growth estimated over the forecast period. During 2020, the global market revenue for air quality monitoring systems stood at \$6,013.4 million and by 2027, the industry will register \$10,589.8 million revenue.

The global Air Quality Monitoring industry is one of the vibrant markets worldwide. As new technologies and applications are being planned worldwide, the market presents strong potential.

Driven by favorable government initiatives for environmental conservations, growing awareness about pollution, drive towards green buildings, emergence of new technologies, major companies in the market are emphasizing on research and development.

Growth in Heating, ventilation, and air conditioning (HVAC) technology, increasing adoption in petrochemical and power generation industries, deployment of satellite remote sensing technology, and preference for wearable devices are among the leading market trends observed in the market.

Major Trends, Drivers and Challenges:

Increasing adoption in Refineries and petrochemical industries-Refineries, petrochemical complexes and power generation industries are among the leading contributing sources to the degradation of air quality, by releasing various pollutants like

Volatile Organic Compounds (VOCs) into the surrounding environment.

Growing preference for wearable devices - New generation of wearable high-tech devices are being introduced worldwide, which can measure air quality and other environmental data and feed it to the users on a real-time basis

Favorable government initiatives for environmental conservations - Government entities across the world are focusing on reducing air pollution levels to boost cardiovascular and respiratory health of their individuals.

World Urban Forum 2020 launched world's largest real-time air quality databank that receives real-time data from more than 4,000 providers (including governments) and has a following of more than 15 million users

Growing awareness about pollution - The W.H.O estimates around 4.2 million premature deaths worldwide in 2016 due to outdoor air pollution, with around 91% of those premature deaths occurring in low- and middle-income countries.

Limited awareness of indoor pollution - Indoor air pollution is one of the significant contributors to total air pollution, causing respiratory health conditions in children and aged population segments. Indoor air quality is influenced by concentrations of outdoor air pollutants, indoor sources of pollution, characteristics of the building and the habits of the residents.

Leading Segments Information

Outdoor Monitors remain the most Dominant product type in 2020 with 66.1% market share.

Chemical Pollutants stood the largest market for Air Quality Monitoring with XX.X% market share worldwide in 2020.

Government agencies & academic institutes are the largest end users for air quality monitoring systems in 2020 with XX.X% market share

Companies Analyzed

Honeywell International Inc

Siemens AG

Thermo Fisher Scientific Inc

General Electric Company

3M Company

Segmentation

Air Quality Monitoring Market, By Type

Indoor

Outdoor

Wearable

Air Quality Monitoring Market, By Pollutant

Chemical

Physical

Biological

Air Quality Monitoring Market, By End User

Energy and Power

Government and Academic

Residential and Commercial

Air Quality Monitoring Market, By Geography

North America (USA, Canada, Mexico)

Europe (Germany, UK, France, Spain, Italy, Russia, Rest of Europe)

Asia-Pacific (China, India, Japan, South Korea, Australia, Rest of APAC)

Middle East and Africa (Saudi Arabia, South Africa, Rest of MEA)

South and Central America (Brazil, Argentina, Chile, Rest of SCA)

Report Scope-

The report- '2021 Air Quality Monitoring Market - Size, Share, Competition and Forecasts to 2027' presents growth projections in the Air Quality Monitoring Market between 2021 and 2027 for companies operating across different types, applications, and end-user verticals.

Short-term and long-term trends affecting the market landscape are included in the research. Further, market drivers, restraints, and potential opportunities are also provided in the report.

The Air Quality Monitoring Market report computes the 2020 market value in revenue terms based on the average Air Quality Monitoring prices and sales/revenue models of key companies operating in the Air Quality Monitoring Industry. The study forecasts the market size to 2027 for different types of Air Quality Monitoring and provides respective market share and growth rates.

The study discusses technological innovations and the potential shift in demand among various products in the Air Quality Monitoring Market, over the forecast period. The leading five companies in the Air Quality Monitoring Industry together with their products, key strategies, and comparisons are provided.

The Air Quality Monitoring Market size, share, and outlook across different types and applications are provided at geographic levels of North America, Asia Pacific, Europe, Middle East Africa, South and Central America. Further, country-level Air Quality Monitoring Market value is also provided.

All recent developments in Air Quality Monitoring Industry including mergers, acquisitions, contract awards, licenses, product launches, and expansion plans are included in the report.

Base Year- 2020; Forecast period: 2021- 2027

Publication frequency- Every six months

Research Methodology- Data triangulation with top-down and Bottom-up approach are used for market size

Key Coverage of the Report -

Global Air Quality Monitoring Industry size, 2020- 2027

Market trends, drivers, restraints, and opportunities

Porter's Five forces analysis

Types of Air Quality Monitoring , 2020-2027

Air Quality Monitoring applications and end-user verticals market size, 2020-2027

Air Quality Monitoring Market size across countries, 2020- 2027

5 leading companies in the industry- overview, key strategies, financials, and products

Latest market news and developments

Additional support -

All the data presented in tables and charts of the report is provided in a separate Excel document

Print authentication extended

10% free customization to include any specific data/analysis to match with the requirement

3 months of analyst support

The Report will be updated to the latest month and delivered within 2 business days

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