

Sensors for Trace Contaminant Detection in Air: Technologies & Market

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Abstracts

REPORT SCOPE:

The scope of this report is broad and covers different types of sensor products available in the market and their potential applications. The total market revenue includes sensors (sensor modules integrated in various systems) such as electrochemical sensors, metal oxide sensors, photo ionization detectors and others that help in the detection of trace contaminants in the air. Sensors analyzed in this report include those for trace elements and other inorganic contaminants, volatile organic compounds, biological contaminants and physical contaminants such as dust particles.

The global market for sensors for trace air contaminant detection is segmented by product and pollutant. Revenue forecasts from 2017 to 2022 are given for product and pollutant segments and regional markets with estimated values derived from manufacturers' total revenues.

This report also includes a discussion of major players in each segment and region and the major drivers and regional dynamics of the industry.

The report concludes with a special focus on the vendor landscape and includes detailed profiles of major market vendors.

REPORT INCLUDES:

46 data tables and 80 additional tables

An overview of the global markets and technologies pertaining to sensor

modules used in air trace contaminant detection

Analyses of global market trends with data from 2016 and 2017, and projections of compound annual growth rates (CAGRs) through 2022

Characterization and quantification of market potential for sensor modules used in trace contaminant detection in air market on the basis of product category, pollutants type, geographical regions and application areas

Information on market dynamics and growth driving factors such as stricter government regulations, environment protection acts, technological advancements in sensors and adoption of smart air network in manufacturing industries etc.

Assessment of the vendor competitive landscape and their market share analysis

Company profiles of leading global players, including Analog Devices, Figaro Engineering Inc., Honeywell Sensing and Productivity Solutions, Omron Electronics, Parallax Inc., and Vernier

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