

Global (North America, Europe, Asia-Pacific, South America, Middle East and Africa) PID (Photoionization Detection) Sensors and Detectors Market 2018, Forecast to 2023

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Abstracts

PID (Photoionization Detection) Sensors and Detectors are portable vapor and gas detector that detects a variety of organic compounds. Photo ionization occurs when an atom or molecule absorbs light of sufficient energy to cause an electron to leave and create a positive ion.

Scope of the Report:

This report focuses on the PID (Photoionization Detection) Sensors and Detectors in global market, especially in North America, Europe and Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, type and application.

A PID uses an ultraviolet (UV) light source to break down VOCs in the air into positive and negative ions. The PID then detects or measures the charge of the ionized gas, with the charge being a function of the concentration of VOCs in the air. Note that the gas ions recombine to reform the original gas or vapor, so PIDs do not burn or otherwise permanently change the sample gas.

Despite the presence of competition problems, due to the global recovery trend is clear, investors are still optimistic about this area, the future will still have more new investment enter the field. Even so, the market is intensely competitive. The study group recommends the new entrants just having money but without technical advantage and upstream and downstream support do not to enter into this field.

The worldwide market for PID (Photoionization Detection) Sensors and Detectors is expected to grow at a CAGR of roughly 3.8% over the next five years, will reach 170

million US\$ in 2023, from 130 million US\$ in 2017, according to a new GIR (Global Info Research) study.

Market Segment by Manufacturers, this report covers

Honeywell Analytics(RAE Systems)

Ion Science

MSA Safety

Dräger

Industrial Scientific

RKI Instruments(RIKEN KEIKI)

Tyco Gas & Flame Detection

Detcon

PID Analyzers LLC(HNU)

Shenzhen Nuoan Environmental

Market Segment by Regions, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, UK, Russia and Italy)

Asia-Pacific (China, Japan, Korea, India and Southeast Asia)

South America (Brazil, Argentina, Colombia etc.)

Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)

Market Segment by Type, covers

Portable PID Sensors and Detectors

Fixed PID Sensors and Detectors

Market Segment by Applications, can be divided into

Energy

Industry

Environment

Government

Others

There are 15 Chapters to deeply display the global PID (Photoionization Detection) Sensors and Detectors market.

Chapter 1, to describe PID (Photoionization Detection) Sensors and Detectors Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of PID (Photoionization Detection) Sensors and Detectors, with sales, revenue, and price of PID (Photoionization Detection) Sensors and Detectors, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of PID (Photoionization Detection) Sensors and Detectors, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the market by countries, by type, by application and by manufacturers, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;

Chapter 12, PID (Photoionization Detection) Sensors and Detectors market forecast, by

regions, type and application, with sales and revenue, from 2018 to 2023;
Chapter 13, 14 and 15, to describe PID (Photoionization Detection) Sensors and
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