

# 2018-2023 Global PID (Photoionization Detection) Sensors and Detectors Consumption Market Report

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## Abstracts

The report requires updating with new data and is sent in 48 hours after order is placed.

In this report, LP Information covers the present scenario (with the base year being 2017) and the growth prospects of global PID (Photoionization Detection) Sensors and Detectors market for 2018-2023.

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.

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.

Over the next five years, LPI(LP Information) projects that PID (Photoionization Detection) Sensors and Detectors will register a 3.8% CAGR in terms of revenue, reach US\$ 170 million by 2023, from US\$ 130 million in 2017.

This report presents a comprehensive overview, market shares, and growth opportunities of PID (Photoionization Detection) Sensors and Detectors market by

product type, application, key manufacturers and key regions.

To calculate the market size, LP Information considers value and volume generated from the sales of the following segments:

Segmentation by product type:

Portable PID Sensors and Detectors

Fixed PID Sensors and Detectors

Segmentation by application:

Energy

Industry

Environment

Government

Others

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

APAC

China

Japan

Korea

Southeast Asia

India

Australia

Europe

Germany

France

UK

Italy

Russia

Spain

Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The report also presents the market competition landscape and a corresponding detailed analysis of the major vendor/manufacturers in the market. The key manufacturers covered in this report:

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

In addition, this report discusses the key drivers influencing market growth, opportunities, the challenges and the risks faced by key manufacturers and the market as a whole. It also analyzes key emerging trends and their impact on present and future development.

## **RESEARCH OBJECTIVES**

To study and analyze the global PID (Photoionization Detection) Sensors and Detectors consumption (value & volume) by key regions/countries, product type and application, history data from 2013 to 2017, and forecast to 2023.

To understand the structure of PID (Photoionization Detection) Sensors and Detectors market by identifying its various subsegments.

Focuses on the key global PID (Photoionization Detection) Sensors and Detectors manufacturers, to define, describe and analyze the sales volume, value, market share, market competition landscape, SWOT analysis and development plans in next few years.

To analyze the PID (Photoionization Detection) Sensors and Detectors with respect to individual growth trends, future prospects, and their contribution to the total market.

To share detailed information about the key factors influencing the growth of the market (growth potential, opportunities, drivers, industry-specific challenges and risks).

To project the consumption of PID (Photoionization Detection) Sensors and Detectors submarkets, with respect to key regions (along with their respective key countries).

To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

To strategically profile the key players and comprehensively analyze their growth strategies.

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