

# Asia Pacific Gas Sensor Market Analysis (2017-2023)

<https://marketpublishers.com/r/A00E06382EBEN.html>

Date: March 2018

Pages: 77

Price: US\$ 1,500.00 (Single User License)

ID: A00E06382EBEN

## Abstracts

The Asia Pacific Gas Sensor Market would witness market growth of 8% CAGR during the forecast period (2017 – 2023). The wireless gas sensors are capable of detecting explosive or toxic gases from a safe distance, which would be a factor that would drive the demand during the forecast period. These sensors are easy to install and come cost effective when compared to wired sensors and also have the capability of creating a network of sensors. Gas sensors would witness significant demand in HVAC control systems, as they facilitate intelligent ventilation control. Various sensors are used in detecting flammable gases as these gases have different flammable conditions; therefore, each gas requires a specific type of sensor to be measured accurately. New sensor technologies, such as miniaturized photo ionization detectors (PIDs) for measurement, non-dispersive infrared (NDIR) sensors for CO<sub>2</sub> or combustible gas, and additional types of substance-specific electrochemical sensors, could be used in multi-sensor portable instruments.

Based on Technology, the market report segments the market into Infrared, Electrochemical, Semiconductor, Solid State / MOS, PID, Catalytic, and Others. Based on End User, the Gas Sensor market segments the market into Industrial, Building Automation & Domestic Appliances, Petrochemical, Environmental, Medical, Automotive, and Others. Based on Countries, the Gas Sensor market segments the market into China, Japan, India, South Korea, Singapore, Malaysia, and Rest of Asia Pacific.

The market research report covers the competition analysis of key stake holders of the Asia Pacific Gas Sensor Market. Key companies profiled in the report include Siemens AG, Robert Bosch GmbH, NGK Insulators Ltd., ABB Ltd., GfG Asia Pacific Ltd., Honeywell International Inc. (City Technology Ltd.), Drägerwerk AG & Co. KGaA, Dynament Ltd., Tokuyama Corporation (Figaro Engineering Inc.), and Nemoto & Co., Ltd.

## Contents

### CHAPTER 1. MARKET SCOPE & METHODOLOGY

- 1.1 Market Definition
- 1.2 Objectives
- 1.3 Market Scope
- 1.4 Segmentation
  - 1.4.1 Asia Pacific Gas Sensor Market, by Technology
  - 1.4.2 Asia Pacific Gas Sensor Market, by End User
  - 1.4.3 Asia Pacific Gas Sensor Market, by Country
- 1.5 Methodology for the research

### CHAPTER 2. MARKET OVERVIEW

- 2.1 Introduction
- 2.2 Drivers, and Restraints
  - 2.2.1 Market Drivers
  - 2.2.2 Market Restraints

### CHAPTER 3. ASIA PACIFIC GAS SENSOR MARKET

- 3.1 Asia Pacific Gas Sensor Market by Technology
  - 3.1.1 Asia Pacific Infrared Gas Sensor Market by Country
  - 3.1.2 Asia Pacific Electrochemical Gas Sensor Market by Country
  - 3.1.3 Asia Pacific Semiconductor Gas Sensor Market by Country
  - 3.1.4 Asia Pacific Solid State / MOS Gas Sensor Market by Country
  - 3.1.5 Asia Pacific PID Gas Sensor Market by Country
  - 3.1.6 Asia Pacific Catalytic Gas Sensor Market by Country
  - 3.1.7 Asia Pacific Others Gas Sensor Market by Country

### CHAPTER 4. ASIA PACIFIC GAS SENSOR MARKET BY END USER

- 4.1 Introduction
  - 4.1.1 Asia Pacific Gas Sensor in Industrial Market by Country
  - 4.1.2 Asia Pacific Gas Sensor in Building Automation & Domestic Appliances Market by Country
  - 4.1.3 Asia Pacific Gas Sensor in Petrochemical Market by Country
  - 4.1.4 Asia Pacific Gas Sensor in Environmental Market by Country

- 4.1.5 Asia Pacific Gas Sensor in Medical Market by Country
- 4.1.6 Asia Pacific Gas Sensor in Automotive Market by Country
- 4.1.7 Asia Pacific Gas Sensor in Others Market by Country

## **CHAPTER 5. ASIA PACIFIC GAS SENSOR MARKET BY COUNTRY**

- 5.1 Introduction
- 5.2 China Gas Sensor Market
  - 5.2.1 China Gas Sensor Market by Technology
  - 5.2.2 China Gas Sensor Market by End User
- 5.3 Japan Gas Sensor Market
  - 5.3.1 Japan Gas Sensor Market by Technology
  - 5.3.2 Japan Gas Sensor Market by End User
- 5.4 India Gas Sensor Market
  - 5.4.1 India Gas Sensor Market by Technology
  - 5.4.2 India Gas Sensor Market by End User
- 5.5 South Korea Gas Sensor Market
  - 5.5.1 South Korea Gas Sensor Market by Technology
  - 5.5.2 South Korea Gas Sensor Market by End User
- 5.6 Singapore Gas Sensor Market
  - 5.6.1 Singapore Gas Sensor Market by Technology
  - 5.6.2 Singapore Gas Sensor Market by End User
- 5.7 Malaysia Gas Sensor Market
  - 5.7.1 Malaysia Gas Sensor Market by Technology
  - 5.7.2 Malaysia Gas Sensor Market by End User
- 5.8 Rest of Asia Pacific Gas Sensor Market
  - 5.8.1 Rest of Asia Pacific Gas Sensor Market by Technology
  - 5.8.2 Rest of Asia Pacific Gas Sensor Market by End User

## **CHAPTER 6. COMPANY PROFILES**

- 6.1 Siemens AG
  - 6.1.1 Company Overview
  - 6.1.2 Financial Analysis
  - 6.1.3 Segmental Analysis
  - 6.1.4 Research & Development Expense
- 6.2 Robert Bosch GmbH
  - 6.2.1 Company Overview
  - 6.2.2 Financial Analysis

- 6.2.3 Segmental and Regional Analysis
- 6.2.4 Research & Development Expense
- 6.2.5 Strategies at a Glance
  - 6.2.5.1 Product Launch
- 6.3 ABB Group
  - 6.3.1 Company Overview
  - 6.3.2 Financial Analysis
  - 6.3.3 Segmental and Regional Analysis
  - 6.3.4 Research & Development Expense
  - 6.3.5 Strategies at a Glance
    - 6.3.5.1 Product Launch
- 6.4 Honeywell International Inc. (City Technology Ltd.)
  - 6.4.1 Company Overview
  - 6.4.2 Financial Analysis
  - 6.4.3 Segmental and Regional Analysis
  - 6.4.4 Research & Development Expense
- 6.5 Drägerwerk Ag
  - 6.5.1 Company Overview
  - 6.5.2 Financial Analysis
  - 6.5.3 Segmental Analysis
  - 6.5.4 Research & Development Expense
- 6.6 Nemoto Kyorindo Co., Ltd.
  - 6.6.1 Company Overview
- 6.7 NGK Insulators Ltd.
  - 6.7.1 Company Overview
  - 6.7.2 Financial Analysis
  - 6.7.3 Segmental and Regional Analysis
  - 6.7.4 Research & Development Expense
- 6.8 Dynament Ltd.
  - 6.8.1 Company Overview
- 6.9 Tokuyama Corporation (Figaro Engineering Inc.)
  - 6.9.1 Company Overview
  - 6.9.2 Financial Analysis
  - 6.9.3 Segmental and Regional Analysis
  - 6.9.4 Research & Development Expense
  - 6.9.5 Strategies at a Glance
    - 6.9.5.1 Product Launch
- 6.1 GfG Europe Ltd.
  - 6.10.1 Company Overview



## List Of Tables

### LIST OF TABLES

Table 1 ASIA PACIFIC GAS SENSOR MARKET, 2013 - 2016, USD MILLION

Table 2 ASIA PACIFIC GAS SENSOR MARKET, 2017 - 2023, USD MILLION

Table 3 ASIA PACIFIC GAS SENSOR MARKET BY TECHNOLOGY, 2013 - 2016, USD MILLION

Table 4 ASIA PACIFIC GAS SENSOR MARKET BY TECHNOLOGY, 2017 - 2023, USD MILLION

Table 5 ASIA PACIFIC INFRARED GAS SENSOR MARKET BY COUNTRY, 2013 - 2016, USD MILLION

Table 6 ASIA PACIFIC INFRARED GAS SENSOR MARKET BY COUNTRY, 2017 - 2023, USD MILLION

Table 7 ASIA PACIFIC ELECTROCHEMICAL GAS SENSOR MARKET BY COUNTRY, 2013 - 2016, USD MILLION

Table 8 ASIA PACIFIC ELECTROCHEMICAL GAS SENSOR MARKET BY COUNTRY, 2017 - 2023, USD MILLION

Table 9 ASIA PACIFIC SEMICONDUCTOR GAS SENSOR MARKET BY COUNTRY, 2013 - 2016, USD MILLION

Table 10 ASIA PACIFIC SEMICONDUCTOR GAS SENSOR MARKET BY COUNTRY, 2017 - 2023, USD MILLION

Table 11 ASIA PACIFIC SOLID STATE / MOS GAS SENSOR MARKET BY COUNTRY, 2013 - 2016, USD MILLION

Table 12 ASIA PACIFIC SOLID STATE / MOS GAS SENSOR MARKET BY COUNTRY, 2017 - 2023, USD MILLION

Table 13 ASIA PACIFIC PID GAS SENSOR MARKET BY COUNTRY, 2013 - 2016, USD MILLION

Table 14 ASIA PACIFIC PID GAS SENSOR MARKET BY COUNTRY, 2017 - 2023, USD MILLION

Table 15 ASIA PACIFIC CATALYTIC GAS SENSOR MARKET BY COUNTRY, 2013 - 2016, USD MILLION

Table 16 ASIA PACIFIC CATALYTIC GAS SENSOR MARKET BY COUNTRY, 2017 - 2023, USD MILLION

Table 17 ASIA PACIFIC OTHERS GAS SENSOR MARKET BY COUNTRY, 2013 - 2016, USD MILLION

Table 18 ASIA PACIFIC OTHERS GAS SENSOR MARKET BY COUNTRY, 2017 - 2023, USD MILLION

Table 19 ASIA PACIFIC GAS SENSOR MARKET BY END USER, 2013 - 2016, USD

**MILLION**

Table 20 ASIA PACIFIC GAS SENSOR MARKET BY END USER, 2017 - 2023, USD MILLION

Table 21 ASIA PACIFIC GAS SENSOR IN INDUSTRIAL MARKET BY COUNTRY, 2013 - 2016, USD MILLION

Table 22 ASIA PACIFIC GAS SENSOR IN INDUSTRIAL MARKET BY COUNTRY, 2017 - 2023, USD MILLION

Table 23 ASIA PACIFIC GAS SENSOR IN BUILDING AUTOMATION & DOMESTIC APPLIANCES MARKET BY COUNTRY, 2013 - 2016, USD MILLION

Table 24 ASIA PACIFIC GAS SENSOR IN BUILDING AUTOMATION & DOMESTIC APPLIANCES MARKET BY COUNTRY, 2017 - 2023, USD MILLION

Table 25 ASIA PACIFIC GAS SENSOR IN PETROCHEMICAL MARKET BY COUNTRY, 2013 - 2016, USD MILLION

Table 26 ASIA PACIFIC GAS SENSOR IN PETROCHEMICAL MARKET BY COUNTRY, 2017 - 2023, USD MILLION

Table 27 ASIA PACIFIC GAS SENSOR IN ENVIRONMENTAL MARKET BY COUNTRY, 2013 - 2016, USD MILLION

Table 28 ASIA PACIFIC GAS SENSOR IN ENVIRONMENTAL MARKET BY COUNTRY, 2017 - 2023, USD MILLION

Table 29 ASIA PACIFIC GAS SENSOR IN MEDICAL MARKET BY COUNTRY, 2013 - 2016, USD MILLION

Table 30 ASIA PACIFIC GAS SENSOR IN MEDICAL MARKET BY COUNTRY, 2017 - 2023, USD MILLION

Table 31 ASIA PACIFIC GAS SENSOR IN AUTOMOTIVE MARKET BY COUNTRY, 2013 - 2016, USD MILLION

Table 32 ASIA PACIFIC GAS SENSOR IN AUTOMOTIVE MARKET BY COUNTRY, 2017 - 2023, USD MILLION

Table 33 ASIA PACIFIC GAS SENSOR IN OTHERS MARKET BY COUNTRY, 2013 - 2016, USD MILLION

Table 34 ASIA PACIFIC GAS SENSOR IN OTHERS MARKET BY COUNTRY, 2017 - 2023, USD MILLION

Table 35 ASIA PACIFIC GAS SENSOR MARKET BY COUNTRY, 2013 - 2016, USD MILLION

Table 36 ASIA PACIFIC GAS SENSOR MARKET BY COUNTRY, 2017 - 2023, USD MILLION

Table 37 CHINA GAS SENSOR MARKET, 2013 - 2016, USD MILLION

Table 38 CHINA GAS SENSOR MARKET, 2017 - 2023, USD MILLION

Table 39 CHINA GAS SENSOR MARKET BY TECHNOLOGY, 2013 - 2016, USD MILLION

Table 40 CHINA GAS SENSOR MARKET BY TECHNOLOGY, 2017 - 2023, USD MILLION

Table 41 CHINA GAS SENSOR MARKET BY END USER, 2013 - 2016, USD MILLION

Table 42 CHINA GAS SENSOR MARKET BY END USER, 2017 - 2023, USD MILLION

Table 43 JAPAN GAS SENSOR MARKET, 2013 - 2016, USD MILLION

Table 44 JAPAN GAS SENSOR MARKET, 2017 - 2023, USD MILLION

Table 45 JAPAN GAS SENSOR MARKET BY TECHNOLOGY, 2013 - 2016, USD MILLION

Table 46 JAPAN GAS SENSOR MARKET BY TECHNOLOGY, 2017 - 2023, USD MILLION

Table 47 JAPAN GAS SENSOR MARKET BY END USER, 2013 - 2016, USD MILLION

Table 48 JAPAN GAS SENSOR MARKET BY END USER, 2017 - 2023, USD MILLION

Table 49 INDIA GAS SENSOR MARKET, 2013 - 2016, USD MILLION

Table 50 INDIA GAS SENSOR MARKET, 2017 - 2023, USD MILLION

Table 51 INDIA GAS SENSOR MARKET BY TECHNOLOGY, 2013 - 2016, USD MILLION

Table 52 INDIA GAS SENSOR MARKET BY TECHNOLOGY, 2017 - 2023, USD MILLION

Table 53 INDIA GAS SENSOR MARKET BY END USER, 2013 - 2016, USD MILLION

Table 54 INDIA GAS SENSOR MARKET BY END USER, 2017 - 2023, USD MILLION

Table 55 SOUTH KOREA GAS SENSOR MARKET, 2013 - 2016, USD MILLION

Table 56 SOUTH KOREA GAS SENSOR MARKET, 2017 - 2023, USD MILLION

Table 57 SOUTH KOREA GAS SENSOR MARKET BY TECHNOLOGY, 2013 - 2016, USD MILLION

Table 58 SOUTH KOREA GAS SENSOR MARKET BY TECHNOLOGY, 2017 - 2023, USD MILLION

Table 59 SOUTH KOREA GAS SENSOR MARKET BY END USER, 2013 - 2016, USD MILLION

Table 60 SOUTH KOREA GAS SENSOR MARKET BY END USER, 2017 - 2023, USD MILLION

Table 61 SINGAPORE GAS SENSOR MARKET, 2013 - 2016, USD MILLION

Table 62 SINGAPORE GAS SENSOR MARKET, 2017 - 2023, USD MILLION

Table 63 SINGAPORE GAS SENSOR MARKET BY TECHNOLOGY, 2013 - 2016, USD MILLION

Table 64 SINGAPORE GAS SENSOR MARKET BY TECHNOLOGY, 2017 - 2023, USD MILLION

Table 65 SINGAPORE GAS SENSOR MARKET BY END USER, 2013 - 2016, USD MILLION

Table 66 SINGAPORE GAS SENSOR MARKET BY END USER, 2017 - 2023, USD



**MILLION**

Table 67 MALAYSIA GAS SENSOR MARKET, 2013 - 2016, USD MILLION

Table 68 MALAYSIA GAS SENSOR MARKET, 2017 - 2023, USD MILLION

Table 69 MALAYSIA GAS SENSOR MARKET BY TECHNOLOGY, 2013 - 2016, USD MILLION

Table 70 MALAYSIA GAS SENSOR MARKET BY TECHNOLOGY, 2017 - 2023, USD MILLION

Table 71 MALAYSIA GAS SENSOR MARKET BY END USER, 2013 - 2016, USD MILLION

Table 72 MALAYSIA GAS SENSOR MARKET BY END USER, 2017 - 2023, USD MILLION

Table 73 REST OF ASIA PACIFIC GAS SENSOR MARKET, 2013 - 2016, USD MILLION

Table 74 REST OF ASIA PACIFIC GAS SENSOR MARKET, 2017 - 2023, USD MILLION

Table 75 REST OF ASIA PACIFIC GAS SENSOR MARKET BY TECHNOLOGY, 2013 - 2016, USD MILLION

Table 76 REST OF ASIA PACIFIC GAS SENSOR MARKET BY TECHNOLOGY, 2017 - 2023, USD MILLION

Table 77 REST OF ASIA PACIFIC GAS SENSOR MARKET BY END USER, 2013 - 2016, USD MILLION

Table 78 REST OF ASIA PACIFIC GAS SENSOR MARKET BY END USER, 2017 - 2023, USD MILLION

Table 79 KEY INFORMATION - SIEMENS AG

Table 80 KEY INFORMATION – ROBERT BOSCH GMBH

Table 81 KEY INFORMATION – ABB GROUP

Table 82 KEY INFORMATION – HONEYWELL INTERNATIONAL INC. (CITY TECHNOLOGY LTD.)

Table 83 KEY INFORMATION – DRÄGERWERK AG

Table 84 KEY INFORMATION – NEMOTO KYORINDO CO., LTD.

Table 85 KEY INFORMATION – NGK INSULATORS LTD.

Table 86 KEY INFORMATION – DYNAMENT LTD.

Table 87 KEY INFORMATION – TOKUYAMA CORPORATION (FIGARO ENGINEERING INC.)

Table 88 KEY INFORMATION – GFG EUROPE LTD.

## I would like to order

Product name: Asia Pacific Gas Sensor Market Analysis (2017-2023)

Product link: <https://marketpublishers.com/r/A00E06382EBEN.html>

Price: US\$ 1,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A00E06382EBEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970