

# EMEA (Europe, Middle East and Africa) Zirconia Oxygen Sensors Market Report 2017

<https://marketpublishers.com/r/E3B84F928D3EN.html>

Date: October 2017

Pages: 115

Price: US\$ 4,000.00 (Single User License)

ID: E3B84F928D3EN

## Abstracts

In this report, the EMEA Zirconia Oxygen Sensors market is valued at USD XX million in 2016 and is expected to reach USD XX million by the end of 2022, growing at a CAGR of XX% between 2016 and 2022.

Geographically, this report split EMEA into Europe, the Middle East and Africa, With sales (K Pcs), revenue (Million USD), market share and growth rate of Zirconia Oxygen Sensors for these regions, from 2012 to 2022 (forecast)

Europe: Germany, France, UK, Russia, Italy and Benelux;

Middle East: Saudi Arabia, Israel, UAE and Iran;

Africa: South Africa, Nigeria, Egypt and Algeria.

EMEA Zirconia Oxygen Sensors market competition by top manufacturers/players, with Zirconia Oxygen Sensors sales volume (K Pcs), price (USD/Pcs), revenue (Million USD) and market share for each manufacturer/player; the top players including

NGK-NTK (Japan)

Bosch (Germany)

Denso (Japan)

Delphia (Poland)

Hyundai KEFICO (Korea)

UAES (China)

Ford Parts (U.S.)

First Sensor (Germany)

Walker Products (U.S.)

Honeywell (U.S.)

Paile International (China)

Fujikura (Japan)

Pucheng (China)

Ampron (China)

Volkse (Germany)

AMI (U.S.)

Figaro Engineering (U.S.)

On the basis of product, this report displays the sales volume (K Pcs), revenue (Million USD), product price (USD/Pcs), market share and growth rate of each type, primarily split into

Thimble Type

Planar Type

Other

On the basis on the end users/applications, this report focuses on the status and outlook for major applications/end users, sales volume (K Pcs), market share and growth rate of Zirconia Oxygen Sensors for each application, including

Automotive

Motorcycle

Industrial Use

Other (plane, boat, medical, etc)

If you have any special requirements, please let us know and we will offer you the report as you want.

## Contents

EMEA (Europe, Middle East and Africa) Zirconia Oxygen Sensors Market Report 2017

### **1 ZIRCONIA OXYGEN SENSORS OVERVIEW**

1.1 Product Overview and Scope of Zirconia Oxygen Sensors

1.2 Classification of Zirconia Oxygen Sensors

1.2.1 EMEA Zirconia Oxygen Sensors Market Size (Sales) Comparison by Type (2012-2022)

1.2.2 EMEA Zirconia Oxygen Sensors Market Size (Sales) Market Share by Type (Product Category) in 2016

1.2.3 Thimble Type

1.2.4 Planar Type

1.2.5 Other

1.3 EMEA Zirconia Oxygen Sensors Market by Application/End Users

1.3.1 EMEA Zirconia Oxygen Sensors Sales (Volume) and Market Share Comparison by Application (2012-2022)

1.3.2 Automotive

1.3.3 Motorcycle

1.3.4 Industrial Use

1.3.5 Other (plane, boat, medical, etc)

1.4 EMEA Zirconia Oxygen Sensors Market by Region

1.4.1 EMEA Zirconia Oxygen Sensors Market Size (Value) Comparison by Region (2012-2022)

1.4.2 Europe Status and Prospect (2012-2022)

1.4.3 Middle East Status and Prospect (2012-2022)

1.4.4 Africa Status and Prospect (2012-2022)

1.5 EMEA Market Size (Value and Volume) of Zirconia Oxygen Sensors (2012-2022)

1.5.1 EMEA Zirconia Oxygen Sensors Sales and Growth Rate (2012-2022)

1.5.2 EMEA Zirconia Oxygen Sensors Revenue and Growth Rate (2012-2022)

### **2 EMEA ZIRCONIA OXYGEN SENSORS COMPETITION BY MANUFACTURERS/PLAYERS/SUPPLIERS, REGION, TYPE AND APPLICATION**

2.1 EMEA Zirconia Oxygen Sensors Market Competition by Players/Manufacturers

2.1.1 EMEA Zirconia Oxygen Sensors Sales Volume and Market Share of Major Players (2012-2017)

2.1.2 EMEA Zirconia Oxygen Sensors Revenue and Share by Players (2012-2017)

- 2.1.3 EMEA Zirconia Oxygen Sensors Sale Price by Players (2012-2017)
- 2.2 EMEA Zirconia Oxygen Sensors (Volume and Value) by Type/Product Category
  - 2.2.1 EMEA Zirconia Oxygen Sensors Sales and Market Share by Type (2012-2017)
  - 2.2.2 EMEA Zirconia Oxygen Sensors Revenue and Market Share by Type (2012-2017)
  - 2.2.3 EMEA Zirconia Oxygen Sensors Sale Price by Type (2012-2017)
- 2.3 EMEA Zirconia Oxygen Sensors (Volume) by Application
- 2.4 EMEA Zirconia Oxygen Sensors (Volume and Value) by Region
  - 2.4.1 EMEA Zirconia Oxygen Sensors Sales and Market Share by Region (2012-2017)
  - 2.4.2 EMEA Zirconia Oxygen Sensors Revenue and Market Share by Region (2012-2017)
  - 2.4.3 EMEA Zirconia Oxygen Sensors Sales Price by Region (2012-2017)

### **3 EUROPE ZIRCONIA OXYGEN SENSORS (VOLUME, VALUE AND SALES PRICE), BY PLAYERS, COUNTRIES, TYPE AND APPLICATION**

- 3.1 Europe Zirconia Oxygen Sensors Sales and Value (2012-2017)
  - 3.1.1 Europe Zirconia Oxygen Sensors Sales Volume and Growth Rate (2012-2017)
  - 3.1.2 Europe Zirconia Oxygen Sensors Revenue and Growth Rate (2012-2017)
- 3.2 Europe Zirconia Oxygen Sensors Sales and Market Share by Type
- 3.3 Europe Zirconia Oxygen Sensors Sales and Market Share by Application
- 3.4 Europe Zirconia Oxygen Sensors Sales Volume and Value (Revenue) by Countries
  - 3.4.1 Europe Zirconia Oxygen Sensors Sales Volume by Countries (2012-2017)
  - 3.4.2 Europe Zirconia Oxygen Sensors Revenue by Countries (2012-2017)
  - 3.4.3 Germany Zirconia Oxygen Sensors Sales and Growth Rate (2012-2017)
  - 3.4.4 France Zirconia Oxygen Sensors Sales and Growth Rate (2012-2017)
  - 3.4.5 UK Zirconia Oxygen Sensors Sales and Growth Rate (2012-2017)
  - 3.4.6 Russia Zirconia Oxygen Sensors Sales and Growth Rate (2012-2017)
  - 3.4.7 Italy Zirconia Oxygen Sensors Sales and Growth Rate (2012-2017)
  - 3.4.8 Benelux Zirconia Oxygen Sensors Sales and Growth Rate (2012-2017)

### **4 MIDDLE EAST ZIRCONIA OXYGEN SENSORS (VOLUME, VALUE AND SALES PRICE), BY REGION, TYPE AND APPLICATION**

- 4.1 Middle East Zirconia Oxygen Sensors Sales and Value (2012-2017)
  - 4.1.1 Middle East Zirconia Oxygen Sensors Sales Volume and Growth Rate (2012-2017)
  - 4.1.2 Middle East Zirconia Oxygen Sensors Revenue and Growth Rate (2012-2017)
- 4.2 Middle East Zirconia Oxygen Sensors Sales and Market Share by Type

4.3 Middle East Zirconia Oxygen Sensors Sales and Market Share by Application

4.4 Middle East Zirconia Oxygen Sensors Sales Volume and Value (Revenue) by Countries

4.4.1 Middle East Zirconia Oxygen Sensors Sales Volume by Countries (2012-2017)

4.4.2 Middle East Zirconia Oxygen Sensors Revenue by Countries (2012-2017)

4.4.3 Saudi Arabia Zirconia Oxygen Sensors Sales and Growth Rate (2012-2017)

4.4.4 Israel Zirconia Oxygen Sensors Sales and Growth Rate (2012-2017)

4.4.5 UAE Zirconia Oxygen Sensors Sales and Growth Rate (2012-2017)

4.4.6 Iran Zirconia Oxygen Sensors Sales and Growth Rate (2012-2017)

## **5 AFRICA ZIRCONIA OXYGEN SENSORS (VOLUME, VALUE AND SALES PRICE) BY PLAYERS, COUNTRIES, TYPE AND APPLICATION**

5.1 Africa Zirconia Oxygen Sensors Sales and Value (2012-2017)

5.1.1 Africa Zirconia Oxygen Sensors Sales Volume and Growth Rate (2012-2017)

5.1.2 Africa Zirconia Oxygen Sensors Revenue and Growth Rate (2012-2017)

5.2 Africa Zirconia Oxygen Sensors Sales and Market Share by Type

5.3 Africa Zirconia Oxygen Sensors Sales and Market Share by Application

5.4 Africa Zirconia Oxygen Sensors Sales Volume and Value (Revenue) by Countries

5.4.1 Africa Zirconia Oxygen Sensors Sales Volume by Countries (2012-2017)

5.4.2 Africa Zirconia Oxygen Sensors Revenue by Countries (2012-2017)

5.4.3 South Africa Zirconia Oxygen Sensors Sales and Growth Rate (2012-2017)

5.4.4 Nigeria Zirconia Oxygen Sensors Sales and Growth Rate (2012-2017)

5.4.5 Egypt Zirconia Oxygen Sensors Sales and Growth Rate (2012-2017)

5.4.6 Algeria Zirconia Oxygen Sensors Sales and Growth Rate (2012-2017)

## **6 EMEA ZIRCONIA OXYGEN SENSORS MANUFACTURERS/PLAYERS PROFILES AND SALES DATA**

6.1 NGK-NTK (Japan)

6.1.1 Company Basic Information, Manufacturing Base and Competitors

6.1.2 Zirconia Oxygen Sensors Product Type, Application and Specification

6.1.2.1 Product A

6.1.2.2 Product B

6.1.3 NGK-NTK (Japan) Zirconia Oxygen Sensors Sales, Revenue, Price and Gross Margin (2012-2017)

6.1.4 Main Business/Business Overview

6.2 Bosch (Germany)

6.2.1 Company Basic Information, Manufacturing Base and Competitors

- 6.2.2 Zirconia Oxygen Sensors Product Type, Application and Specification
  - 6.2.2.1 Product A
  - 6.2.2.2 Product B
- 6.2.3 Bosch (Germany) Zirconia Oxygen Sensors Sales, Revenue, Price and Gross Margin (2012-2017)
- 6.2.4 Main Business/Business Overview
- 6.3 Denso (Japan)
  - 6.3.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.3.2 Zirconia Oxygen Sensors Product Type, Application and Specification
    - 6.3.2.1 Product A
    - 6.3.2.2 Product B
  - 6.3.3 Denso (Japan) Zirconia Oxygen Sensors Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.3.4 Main Business/Business Overview
- 6.4 Delphia (Poland)
  - 6.4.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.4.2 Zirconia Oxygen Sensors Product Type, Application and Specification
    - 6.4.2.1 Product A
    - 6.4.2.2 Product B
  - 6.4.3 Delphia (Poland) Zirconia Oxygen Sensors Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.4.4 Main Business/Business Overview
- 6.5 Hyundai KEFICO (Korea)
  - 6.5.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.5.2 Zirconia Oxygen Sensors Product Type, Application and Specification
    - 6.5.2.1 Product A
    - 6.5.2.2 Product B
  - 6.5.3 Hyundai KEFICO (Korea) Zirconia Oxygen Sensors Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.5.4 Main Business/Business Overview
- 6.6 UAES (China)
  - 6.6.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.6.2 Zirconia Oxygen Sensors Product Type, Application and Specification
    - 6.6.2.1 Product A
    - 6.6.2.2 Product B
  - 6.6.3 UAES (China) Zirconia Oxygen Sensors Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.6.4 Main Business/Business Overview
- 6.7 Ford Parts (U.S.)

- 6.7.1 Company Basic Information, Manufacturing Base and Competitors
- 6.7.2 Zirconia Oxygen Sensors Product Type, Application and Specification
  - 6.7.2.1 Product A
  - 6.7.2.2 Product B
- 6.7.3 Ford Parts (U.S.) Zirconia Oxygen Sensors Sales, Revenue, Price and Gross Margin (2012-2017)
- 6.7.4 Main Business/Business Overview
- 6.8 First Sensor (Germany)
  - 6.8.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.8.2 Zirconia Oxygen Sensors Product Type, Application and Specification
    - 6.8.2.1 Product A
    - 6.8.2.2 Product B
  - 6.8.3 First Sensor (Germany) Zirconia Oxygen Sensors Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.8.4 Main Business/Business Overview
- 6.9 Walker Products (U.S.)
  - 6.9.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.9.2 Zirconia Oxygen Sensors Product Type, Application and Specification
    - 6.9.2.1 Product A
    - 6.9.2.2 Product B
  - 6.9.3 Walker Products (U.S.) Zirconia Oxygen Sensors Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.9.4 Main Business/Business Overview
- 6.10 Honeywell (U.S.)
  - 6.10.1 Company Basic Information, Manufacturing Base and Competitors
  - 6.10.2 Zirconia Oxygen Sensors Product Type, Application and Specification
    - 6.10.2.1 Product A
    - 6.10.2.2 Product B
  - 6.10.3 Honeywell (U.S.) Zirconia Oxygen Sensors Sales, Revenue, Price and Gross Margin (2012-2017)
  - 6.10.4 Main Business/Business Overview
- 6.11 Paile International (China)
- 6.12 Fujikura (Japan)
- 6.13 Pucheng (China)
- 6.14 Ampron (China)
- 6.15 Volkse (Germany)
- 6.16 AMI (U.S.)
- 6.17 Figaro Engineering (U.S.)



## **7 ZIRCONIA OXYGEN SENSORS MANUFACTURING COST ANALYSIS**

### 7.1 Zirconia Oxygen Sensors Key Raw Materials Analysis

#### 7.1.1 Key Raw Materials

#### 7.1.2 Price Trend of Key Raw Materials

#### 7.1.3 Key Suppliers of Raw Materials

#### 7.1.4 Market Concentration Rate of Raw Materials

### 7.2 Proportion of Manufacturing Cost Structure

#### 7.2.1 Raw Materials

#### 7.2.2 Labor Cost

#### 7.2.3 Manufacturing Expenses

### 7.3 Manufacturing Process Analysis of Zirconia Oxygen Sensors

## **8 INDUSTRIAL CHAIN, SOURCING STRATEGY AND DOWNSTREAM BUYERS**

### 8.1 Zirconia Oxygen Sensors Industrial Chain Analysis

### 8.2 Upstream Raw Materials Sourcing

### 8.3 Raw Materials Sources of Zirconia Oxygen Sensors Major Manufacturers in 2016

### 8.4 Downstream Buyers

## **9 MARKETING STRATEGY ANALYSIS, DISTRIBUTORS/TRADERS**

### 9.1 Marketing Channel

#### 9.1.1 Direct Marketing

#### 9.1.2 Indirect Marketing

#### 9.1.3 Marketing Channel Development Trend

### 9.2 Market Positioning

#### 9.2.1 Pricing Strategy

#### 9.2.2 Brand Strategy

#### 9.2.3 Target Client

### 9.3 Distributors/Traders List

## **10 MARKET EFFECT FACTORS ANALYSIS**

### 10.1 Technology Progress/Risk

#### 10.1.1 Substitutes Threat

#### 10.1.2 Technology Progress in Related Industry

### 10.2 Consumer Needs/Customer Preference Change

### 10.3 Economic/Political Environmental Change

## **11 EMEA ZIRCONIA OXYGEN SENSORS MARKET FORECAST (2017-2022)**

### 11.1 EMEA Zirconia Oxygen Sensors Sales, Revenue and Price Forecast (2017-2022)

#### 11.1.1 EMEA Zirconia Oxygen Sensors Sales and Growth Rate Forecast (2017-2022)

#### 11.1.2 EMEA Zirconia Oxygen Sensors Revenue and Growth Rate Forecast (2017-2022)

#### 11.1.3 EMEA Zirconia Oxygen Sensors Price and Trend Forecast (2017-2022)

### 11.2 EMEA Zirconia Oxygen Sensors Sales, Revenue and Growth Rate Forecast by Region (2017-2022)

### 11.3 Europe Zirconia Oxygen Sensors Sales, Revenue and Growth Rate Forecast by Region (2017-2022)

### 11.4 Middle Eastt Zirconia Oxygen Sensors Sales, Revenue and Growth Rate Forecast by Region (2017-2022)

### 11.5 Africa Zirconia Oxygen Sensors Sales, Revenue and Growth Rate Forecast by Region (2017-2022)

### 11.6 EMEA Zirconia Oxygen Sensors Sales Forecast by Type (2017-2022)

### 11.7 EMEA Zirconia Oxygen Sensors Sales Forecast by Application (2017-2022)

## **12 RESEARCH FINDINGS AND CONCLUSION**

## **13 APPENDIX**

### 13.1 Methodology/Research Approach

#### 13.1.1 Research Programs/Design

#### 13.1.2 Market Size Estimation

#### 13.1.3 Market Breakdown and Data Triangulation

### 13.2 Data Source

#### 13.2.1 Secondary Sources

#### 13.2.2 Primary Sources

### 13.3 Disclaimer

The report requires updating with new data and is sent in 2-3 business days after order is placed.

## List Of Tables

### LIST OF TABLES AND FIGURES

Figure Product Picture of Zirconia Oxygen Sensors

Figure EMEA Zirconia Oxygen Sensors Sales Volume (K Pcs) by Type (2012-2022)

Figure EMEA Zirconia Oxygen Sensors Sales Volume Market Share by Type (Product Category) in 2016

Figure Thimble Type Product Picture

Figure Planar Type Product Picture

Figure Other Product Picture

Figure EMEA Zirconia Oxygen Sensors Sales Volume (K Pcs) by Application (2012-2022)

Figure EMEA Sales Market Share of Zirconia Oxygen Sensors by Application in 2016

Figure Automotive Examples

Table Key Downstream Customer in Automotive

Figure Motorcycle Examples

Table Key Downstream Customer in Motorcycle

Figure Industrial Use Examples

Table Key Downstream Customer in Industrial Use

Figure Other (plane, boat, medical, etc) Examples

Table Key Downstream Customer in Other (plane, boat, medical, etc)

Figure EMEA Zirconia Oxygen Sensors Market Size (Million USD) by Region (2012-2022)

Figure Europe Zirconia Oxygen Sensors Revenue (Million USD) and Growth Rate (2012-2022)

Figure Europe Zirconia Oxygen Sensors Revenue (Million USD) Status and Forecast by Countries

Figure Middle East Zirconia Oxygen Sensors Revenue (Million USD) and Growth Rate (2012-2022)

Figure Middle East Zirconia Oxygen Sensors Revenue (Million USD) Status and Forecast by Countries

Figure Africa Zirconia Oxygen Sensors Revenue (Million USD) and Growth Rate (2012-2022)

Figure Africa Zirconia Oxygen Sensors Revenue (Million USD) Status and Forecast by Countries

Figure EMEA Zirconia Oxygen Sensors Sales Volume and Growth Rate (2012-2022)

Figure EMEA Zirconia Oxygen Sensors Revenue (Million USD) and Growth Rate (2012-2022)

Figure EMEA Zirconia Oxygen Sensors Market Major Players Product Sales Volume (K Pcs) (2012-2017)

Table EMEA Zirconia Oxygen Sensors Sales Volume (K Pcs) of Major Players (2012-2017)

Table EMEA Zirconia Oxygen Sensors Sales Share by Players (2012-2017)

Figure 2016 Zirconia Oxygen Sensors Sales Share by Players

Figure 2017 Zirconia Oxygen Sensors Sales Share by Players

Figure EMEA Zirconia Oxygen Sensors Market Major Players Product Revenue (Million USD) (2012-2017)

Table EMEA Zirconia Oxygen Sensors Revenue (Million USD) by Players (2012-2017)

Table EMEA Zirconia Oxygen Sensors Revenue Share by Players (2012-2017)

Table 2016 EMEA Zirconia Oxygen Sensors Revenue Share by Players

Table 2017 EMEA Zirconia Oxygen Sensors Revenue Share by Players

Table EMEA Zirconia Oxygen Sensors Sale Price (USD/Pcs) by Players (2012-2017)

Table EMEA Zirconia Oxygen Sensors Sales (K Pcs) and Market Share by Type (2012-2017)

Table EMEA Zirconia Oxygen Sensors Sales Share by Type (2012-2017)

Figure Sales Market Share of Zirconia Oxygen Sensors by Type (2012-2017)

Figure EMEA Zirconia Oxygen Sensors Sales Market Share by Type (2012-2017)

Table EMEA Zirconia Oxygen Sensors Revenue (Million USD) and Market Share by Type (2012-2017)

Table EMEA Zirconia Oxygen Sensors Revenue Share by Type (2012-2017)

Figure Revenue Market Share of Zirconia Oxygen Sensors by Type in 2016

Table EMEA Zirconia Oxygen Sensors Sale Price (USD/Pcs) by Type (2012-2017)

Table EMEA Zirconia Oxygen Sensors Sales (K Pcs) and Market Share by Application (2012-2017)

Table EMEA Zirconia Oxygen Sensors Sales Share by Application (2012-2017)

Figure Sales Market Share of Zirconia Oxygen Sensors by Application (2012-2017)

Figure EMEA Zirconia Oxygen Sensors Sales Market Share by Application in 2016

Table EMEA Zirconia Oxygen Sensors Sales (K Pcs) and Market Share by Region (2012-2017)

Table EMEA Zirconia Oxygen Sensors Sales Share by Region (2012-2017)

Figure Sales Market Share of Zirconia Oxygen Sensors by Region (2012-2017)

Figure EMEA Zirconia Oxygen Sensors Sales Market Share in 2016

Table EMEA Zirconia Oxygen Sensors Revenue (Million USD) and Market Share by Region (2012-2017)

Table EMEA Zirconia Oxygen Sensors Revenue Share by Region (2012-2017)

Figure Revenue Market Share of Zirconia Oxygen Sensors by Region (2012-2017)

Figure EMEA Zirconia Oxygen Sensors Revenue Market Share Regions in 2016

Table EMEA Zirconia Oxygen Sensors Sales Price (USD/Pcs) by Region (2012-2017)  
Figure Europe Zirconia Oxygen Sensors Sales (K Pcs) and Growth Rate (2012-2017)  
Figure Europe Zirconia Oxygen Sensors Revenue and Growth Rate (2012-2017)  
Table Europe Zirconia Oxygen Sensors Sales (K Pcs) by Type (2012-2017)  
Table Europe Zirconia Oxygen Sensors Market Share by Type (2012-2017)  
Figure Europe Zirconia Oxygen Sensors Market Share by Type in 2016  
Table Europe Zirconia Oxygen Sensors Sales (K Pcs) by Application (2012-2017)  
Table Europe Zirconia Oxygen Sensors Market Share by Application (2012-2017)  
Figure Europe Zirconia Oxygen Sensors Market Share by Application in 2016  
Table Europe Zirconia Oxygen Sensors Sales (K Pcs) by Countries (2012-2017)  
Table Europe Zirconia Oxygen Sensors Sales Market Share by Countries (2012-2017)  
Figure Europe Zirconia Oxygen Sensors Sales Market Share by Countries (2012-2017)  
Figure Europe Zirconia Oxygen Sensors Sales Market Share by Countries in 2016  
Table Europe Zirconia Oxygen Sensors Revenue (Million USD) by Countries (2012-2017)  
Table Europe Zirconia Oxygen Sensors Revenue Market Share by Countries (2012-2017)  
Figure Europe Zirconia Oxygen Sensors Revenue Market Share by Countries (2012-2017)  
Figure Europe Zirconia Oxygen Sensors Revenue Market Share by Countries in 2016  
Figure Germany Zirconia Oxygen Sensors Sales (K Pcs) and Growth Rate (2012-2017)  
Figure France Zirconia Oxygen Sensors Sales (K Pcs) and Growth Rate (2012-2017)  
Figure UK Zirconia Oxygen Sensors Sales (K Pcs) and Growth Rate (2012-2017)  
Figure Russia Zirconia Oxygen Sensors Sales (K Pcs) and Growth Rate (2012-2017)  
Figure Italy Zirconia Oxygen Sensors Sales (K Pcs) and Growth Rate (2012-2017)  
Figure Benelux Zirconia Oxygen Sensors Sales (K Pcs) and Growth Rate (2012-2017)  
Figure Middle East Zirconia Oxygen Sensors Sales (K Pcs) and Growth Rate (2012-2017)  
Figure Middle East Zirconia Oxygen Sensors Revenue (Million USD) and Growth Rate (2012-2017)  
Table Middle East Zirconia Oxygen Sensors Sales (K Pcs) by Type (2012-2017)  
Table Middle East Zirconia Oxygen Sensors Market Share by Type (2012-2017)  
Figure Middle East Zirconia Oxygen Sensors Market Share by Type (2012-2017)  
Table Middle East Zirconia Oxygen Sensors Sales (K Pcs) by Applications (2012-2017)  
Table Middle East Zirconia Oxygen Sensors Market Share by Applications (2012-2017)  
Figure Middle East Zirconia Oxygen Sensors Sales Market Share by Application in 2016  
Table Middle East Zirconia Oxygen Sensors Sales Volume (K Pcs) by Countries (2012-2017)  
Table Middle East Zirconia Oxygen Sensors Sales Volume Market Share by Countries

(2012-2017)

Figure Middle East Zirconia Oxygen Sensors Sales Volume Market Share by Countries in 2016

Table Middle East Zirconia Oxygen Sensors Revenue (Million USD) by Countries (2012-2017)

Table Middle East Zirconia Oxygen Sensors Revenue Market Share by Countries (2012-2017)

Figure Middle East Zirconia Oxygen Sensors Revenue Market Share by Countries (2012-2017)

Figure Middle East Zirconia Oxygen Sensors Revenue Market Share by Countries in 2016

Figure Saudi Arabia Zirconia Oxygen Sensors Sales (K Pcs) and Growth Rate (2012-2017)

Figure Israel Zirconia Oxygen Sensors Sales (K Pcs) and Growth Rate (2012-2017)

Figure UAE Zirconia Oxygen Sensors Sales (K Pcs) and Growth Rate (2012-2017)

Figure Iran Zirconia Oxygen Sensors Sales (K Pcs) and Growth Rate (2012-2017)

Figure Africa Zirconia Oxygen Sensors Sales (K Pcs) and Growth Rate (2012-2017)

Figure Africa Zirconia Oxygen Sensors Revenue (Million USD) and Growth Rate (2012-2017)

Table Africa Zirconia Oxygen Sensors Sales (K Pcs) by Type (2012-2017)

Table Africa Zirconia Oxygen Sensors Sales Market Share by Type (2012-2017)

Figure Africa Zirconia Oxygen Sensors Sales Market Share by Type (2012-2017)

Figure Africa Zirconia Oxygen Sensors Sales Market Share by Type in 2016

Table Africa Zirconia Oxygen Sensors Sales (K Pcs) by Application (2012-2017)

Table Africa Zirconia Oxygen Sensors Sales Market Share by Application (2012-2017)

Figure Africa Zirconia Oxygen Sensors Sales Market Share by Application (2012-2017)

Table Africa Zirconia Oxygen Sensors Sales Volume (K Pcs) by Countries (2012-2017)

Table Africa Zirconia Oxygen Sensors Sales Market Share by Countries (2012-2017)

Figure Africa Zirconia Oxygen Sensors Sales Market Share by Countries (2012-2017)

Figure Africa Zirconia Oxygen Sensors Sales Market Share by Countries in 2016

Table Africa Zirconia Oxygen Sensors Revenue (Million USD) by Countries (2012-2017)

Table Africa Zirconia Oxygen Sensors Revenue Market Share by Countries (2012-2017)

Figure Africa Zirconia Oxygen Sensors Revenue Market Share by Countries (2012-2017)

Figure Africa Zirconia Oxygen Sensors Revenue Market Share by Countries in 2016

Figure South Africa Zirconia Oxygen Sensors Sales (K Pcs) and Growth Rate (2012-2017)

Figure Nigeria Zirconia Oxygen Sensors Sales (K Pcs) and Growth Rate (2012-2017)

Figure Egypt Zirconia Oxygen Sensors Sales (K Pcs) and Growth Rate (2012-2017)

Figure Algeria Zirconia Oxygen Sensors Sales (K Pcs) and Growth Rate (2012-2017)

Table NGK-NTK (Japan) Zirconia Oxygen Sensors Basic Information List

Table NGK-NTK (Japan) Zirconia Oxygen Sensors Sales (K Pcs), Revenue (Million USD), Price (USD/Pcs) and Gross Margin (2012-2017)

Figure NGK-NTK (Japan) Zirconia Oxygen Sensors Sales (K Pcs) and Growth Rate (2012-2017)

Figure NGK-NTK (Japan) Zirconia Oxygen Sensors Sales Market Share in EMEA (2012-2017)

Figure NGK-NTK (Japan) Zirconia Oxygen Sensors Revenue Market Share in EMEA (2012-2017)

Table Bosch (Germany) Zirconia Oxygen Sensors Basic Information List

Table Bosch (Germany) Zirconia Oxygen Sensors Sales (K Pcs), Revenue (Million USD), Price (USD/Pcs) and Gross Margin (2012-2017)

Figure Bosch (Germany) Zirconia Oxygen Sensors Sales (K Pcs) and Growth Rate (2012-2017)

Figure Bosch (Germany) Zirconia Oxygen Sensors Sales Market Share in EMEA (2012-2017)

Figure Bosch (Germany) Zirconia Oxygen Sensors Revenue Market Share in EMEA (2012-2017)

Table Denso (Japan) Zirconia Oxygen Sensors Basic Information List

Table Denso (Japan) Zirconia Oxygen Sensors Sales (K Pcs), Revenue (Million USD), Price (USD/Pcs) and Gross Margin (2012-2017)

Figure Denso (Japan) Zirconia Oxygen Sensors Sales (K Pcs) and Growth Rate (2012-2017)

Figure Denso (Japan) Zirconia Oxygen Sensors Sales Market Share in EMEA (2012-2017)

Figure Denso (Japan) Zirconia Oxygen Sensors Revenue Market Share in EMEA (2012-2017)

Table Delphia (Poland) Zirconia Oxygen Sensors Basic Information List

Table Delphia (Poland) Zirconia Oxygen Sensors Sales (K Pcs), Revenue (Million USD), Price (USD/Pcs) and Gross Margin (2012-2017)

Figure Delphia (Poland) Zirconia Oxygen Sensors Sales (K Pcs) and Growth Rate (2012-2017)

Figure Delphia (Poland) Zirconia Oxygen Sensors Sales Market Share in EMEA (2012-2017)

Figure Delphia (Poland) Zirconia Oxygen Sensors Revenue Market Share in EMEA (2012-2017)

Table Hyundai KEFICO (Korea) Zirconia Oxygen Sensors Basic Information List

Table Hyundai KEFICO (Korea) Zirconia Oxygen Sensors Sales (K Pcs), Revenue (Million USD), Price (USD/Pcs) and Gross Margin (2012-2017)

Figure Hyundai KEFICO (Korea) Zirconia Oxygen Sensors Sales (K Pcs) and Growth Rate (2012-2017)

Figure Hyundai KEFICO (Korea) Zirconia Oxygen Sensors Sales Market Share in EMEA (2012-2017)

Figure Hyundai KEFICO (Korea) Zirconia Oxygen Sensors Revenue Market Share in EMEA (2012-2017)

Table UAES (China) Zirconia Oxygen Sensors Basic Information List

Table UAES (China) Zirconia Oxygen Sensors Sales (K Pcs), Revenue (Million USD), Price (USD/Pcs) and Gross Margin (2012-2017)

Figure UAES (China) Zirconia Oxygen Sensors Sales (K Pcs) and Growth Rate (2012-2017)

Figure UAES (China) Zirconia Oxygen Sensors Sales Market Share in EMEA (2012-2017)

Figure UAES (China) Zirconia Oxygen Sensors Revenue Market Share in EMEA (2012-2017)

Table Ford Parts (U.S.) Zirconia Oxygen Sensors Basic Information List

Table Ford Parts (U.S.) Zirconia Oxygen Sensors Sales (K Pcs), Revenue (Million USD), Price (USD/Pcs) and Gross Margin (2012-2017)

Figure Ford Parts (U.S.) Zirconia Oxygen Sensors Sales (K Pcs) and Growth Rate (2012-2017)

Figure Ford Parts (U.S.) Zirconia Oxygen Sensors Sales Market Share in EMEA (2012-2017)

Figure Ford Parts (U.S.) Zirconia Oxygen Sensors Revenue Market Share in EMEA (2012-2017)

Table First Sensor (Germany) Zirconia Oxygen Sensors Basic Information List

Table First Sensor (Germany) Zirconia Oxygen Sensors Sales (K Pcs), Revenue (Million USD), Price (USD/Pcs) and Gross Margin (2012-2017)

Figure First Sensor (Germany) Zirconia Oxygen Sensors Sales (K Pcs) and Growth Rate (2012-2017)

Figure First Sensor (Germany) Zirconia Oxygen Sensors Sales Market Share in EMEA (2012-2017)

Figure First Sensor (Germany) Zirconia Oxygen Sensors Revenue Market Share in EMEA (2012-2017)

Table Walker Products (U.S.) Zirconia Oxygen Sensors Basic Information List

Table Walker Products (U.S.) Zirconia Oxygen Sensors Sales (K Pcs), Revenue (Million USD), Price (USD/Pcs) and Gross Margin (2012-2017)

Figure Walker Products (U.S.) Zirconia Oxygen Sensors Sales (K Pcs) and Growth



Rate (2012-2017)

Figure Walker Products (U.S.) Zirconia Oxygen Sensors Sales Market Share in EMEA (2012-2017)

Figure Walker Products (U.S.) Zirconia Oxygen Sensors Revenue Market Share in EMEA (2012-2017)

Table Honeywell (U.S. Zirconia Oxygen Sensors Basic Information List

Table Honeywell (U.S. Zirconia Oxygen Sensors Sales (K Pcs), Revenue (Million USD), Price (USD/Pcs) and Gross Margin (2012-2017)

Figure Honeywell (U.S. Zirconia Oxygen Sensors Sales (K Pcs) and Growth Rate (2012-2017)

Figure Honeywell (U.S. Zirconia Oxygen Sensors Sales Market Share in EMEA (2012-2017)

Figure Honeywell (U.S. Zirconia Oxygen Sensors Revenue Market Share in EMEA (2012-2017)

Table Paile International (China) Zirconia Oxygen Sensors Basic Information List

Table Fujikura (Japan) Zirconia Oxygen Sensors Basic Information List

Table Pucheng (China) Zirconia Oxygen Sensors Basic Information List

Table Ampron (China) Zirconia Oxygen Sensors Basic Information List

Table Volkse (Germany) Zirconia Oxygen Sensors Basic Information List

Table AMI (U.S.) Zirconia Oxygen Sensors Basic Information List

Table Figaro Engineering (U.S.) Zirconia Oxygen Sensors Basic Information List

Table Production Base and Market Concentration Rate of Raw Material

Figure Price Trend of Key Raw Materials

Table Key Suppliers of Raw Materials

Figure Manufacturing Cost Structure of Zirconia Oxygen Sensors

Figure Manufacturing Process Analysis of Zirconia Oxygen Sensors

Figure Zirconia Oxygen Sensors Industrial Chain Analysis

Table Raw Materials Sources of Zirconia Oxygen Sensors Major Manufacturers in 2016

Table Major Buyers of Zirconia Oxygen Sensors

Table Distributors/Traders List

Figure EMEA Zirconia Oxygen Sensors Sales (K Pcs) and Growth Rate Forecast (2017-2022)

Figure EMEA Zirconia Oxygen Sensors Revenue and Growth Rate Forecast (2017-2022)

Figure EMEA Zirconia Oxygen Sensors Price (USD/Pcs) and Trend Forecast (2017-2022)

Table EMEA Zirconia Oxygen Sensors Sales (K Pcs) Forecast by Region (2017-2022)

Figure EMEA Zirconia Oxygen Sensors Sales Market Share Forecast by Region (2017-2022)

Table EMEA Zirconia Oxygen Sensors Revenue (Million USD) Forecast by Region (2017-2022)

Figure EMEA Zirconia Oxygen Sensors Revenue Market Share Forecast by Region (2017-2022)

Table Europe Zirconia Oxygen Sensors Sales (K Pcs) Forecast by Countries (2017-2022)

Figure Europe Zirconia Oxygen Sensors Sales Market Share Forecast by Countries (2017-2022)

Table Europe Zirconia Oxygen Sensors Revenue (Million USD) Forecast by Countries (2017-2022)

Figure Europe Zirconia Oxygen Sensors Revenue Market Share Forecast by Countries (2017-2022)

Table Middle East Zirconia Oxygen Sensors Sales (K Pcs) Forecast by Countries (2017-2022)

Figure Middle East Zirconia Oxygen Sensors Sales Market Share Forecast by Countries (2017-2022)

Table Middle East Zirconia Oxygen Sensors Revenue (Million USD) Forecast by Countries (2017-2022)

Figure Middle East Zirconia Oxygen Sensors Revenue Market Share Forecast by Countries (2017-2022)

Table Africa Zirconia Oxygen Sensors Sales (K Pcs) Forecast by Countries (2017-2022)

Figure Africa Zirconia Oxygen Sensors Sales Market Share Forecast by Countries (2017-2022)

Table Africa Zirconia Oxygen Sensors Revenue (Million USD) Forecast by Countries (2017-2022)

Figure Africa Zirconia Oxygen Sensors Revenue Market Share Forecast by Countries (2017-2022)

Table EMEA Zirconia Oxygen Sensors Sales (K Pcs) Forecast by Type (2017-2022)

Figure EMEA Zirconia Oxygen Sensors Sales Market Share Forecast by Type (2017-2022)

Table EMEA Zirconia Oxygen Sensors Sales (K Pcs) Forecast by Application (2017-2022)

Figure EMEA Zirconia Oxygen Sensors Sales Market Share Forecast by Application (2017-2022)

Table Research Programs/Design for This Report

Figure Bottom-up and Top-down Approaches for This Report

Figure Data Triangulation

Table Key Data Information from Secondary Sources

Table Key Data Information from Primary Sources

## I would like to order

Product name: EMEA (Europe, Middle East and Africa) Zirconia Oxygen Sensors Market Report 2017

Product link: <https://marketpublishers.com/r/E3B84F928D3EN.html>

Price: US\$ 4,000.00 (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/E3B84F928D3EN.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