

# Global Single Crystal Germanium Market Professional Survey Report 2018

<https://marketpublishers.com/r/GAFF0D88C79QEN.html>

Date: March 2018

Pages: 102

Price: US\$ 3,500.00 (Single User License)

ID: GAFF0D88C79QEN

## Abstracts

This report studies Single Crystal Germanium in Global market, especially in North America, China, Europe, Southeast Asia, Japan and India, with production, revenue, consumption, import and export in these regions, from 2013 to 2018, and forecast to 2025.

This report focuses on top manufacturers in global market, with production, price, revenue and market share for each manufacturer, covering

China Germanium

Yunnan Germanium

Umicore

Chihong Zn&Ge

AXT

PS (Jenoptik)

PPM

Baoding Sanjing

On the basis of product, this report displays the production, revenue, price, market

share and growth rate of each type, primarily split into

Solar Grade

Infrared Grade

Detector Grade

By Application, the market can be split into

Semiconductor Device

Solar Battery

Infrared Imager

Others

By Regions, this report covers (we can add the regions/countries as you want)

North America

China

Europe

Southeast Asia

Japan

India

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

## Contents

Global Single Crystal Germanium Market Professional Survey Report 2018

### **1 INDUSTRY OVERVIEW OF SINGLE CRYSTAL GERMANIUM**

#### 1.1 Definition and Specifications of Single Crystal Germanium

1.1.1 Definition of Single Crystal Germanium

1.1.2 Specifications of Single Crystal Germanium

#### 1.2 Classification of Single Crystal Germanium

1.2.1 Solar Grade

1.2.2 Infrared Grade

1.2.3 Detector Grade

#### 1.3 Applications of Single Crystal Germanium

1.3.1 Semiconductor Device

1.3.2 Solar Battery

1.3.3 Infrared Imager

1.3.4 Others

#### 1.4 Market Segment by Regions

1.4.1 North America

1.4.2 China

1.4.3 Europe

1.4.4 Southeast Asia

1.4.5 Japan

1.4.6 India

### **2 MANUFACTURING COST STRUCTURE ANALYSIS OF SINGLE CRYSTAL GERMANIUM**

#### 2.1 Raw Material and Suppliers

#### 2.2 Manufacturing Cost Structure Analysis of Single Crystal Germanium

#### 2.3 Manufacturing Process Analysis of Single Crystal Germanium

#### 2.4 Industry Chain Structure of Single Crystal Germanium

### **3 TECHNICAL DATA AND MANUFACTURING PLANTS ANALYSIS OF SINGLE CRYSTAL GERMANIUM**

#### 3.1 Capacity and Commercial Production Date of Global Single Crystal Germanium Major Manufacturers in 2017

3.2 Manufacturing Plants Distribution of Global Single Crystal Germanium Major Manufacturers in 2017

3.3 R&D Status and Technology Source of Global Single Crystal Germanium Major Manufacturers in 2017

3.4 Raw Materials Sources Analysis of Global Single Crystal Germanium Major Manufacturers in 2017

## **4 GLOBAL SINGLE CRYSTAL GERMANIUM OVERALL MARKET OVERVIEW**

4.1 2013-2018E Overall Market Analysis

4.2 Capacity Analysis

4.2.1 2013-2018E Global Single Crystal Germanium Capacity and Growth Rate Analysis

4.2.2 2017 Single Crystal Germanium Capacity Analysis (Company Segment)

4.3 Sales Analysis

4.3.1 2013-2018E Global Single Crystal Germanium Sales and Growth Rate Analysis

4.3.2 2017 Single Crystal Germanium Sales Analysis (Company Segment)

4.4 Sales Price Analysis

4.4.1 2013-2018E Global Single Crystal Germanium Sales Price

4.4.2 2017 Single Crystal Germanium Sales Price Analysis (Company Segment)

## **5 SINGLE CRYSTAL GERMANIUM REGIONAL MARKET ANALYSIS**

5.1 North America Single Crystal Germanium Market Analysis

5.1.1 North America Single Crystal Germanium Market Overview

5.1.2 North America 2013-2018E Single Crystal Germanium Local Supply, Import, Export, Local Consumption Analysis

5.1.3 North America 2013-2018E Single Crystal Germanium Sales Price Analysis

5.1.4 North America 2017 Single Crystal Germanium Market Share Analysis

5.2 China Single Crystal Germanium Market Analysis

5.2.1 China Single Crystal Germanium Market Overview

5.2.2 China 2013-2018E Single Crystal Germanium Local Supply, Import, Export, Local Consumption Analysis

5.2.3 China 2013-2018E Single Crystal Germanium Sales Price Analysis

5.2.4 China 2017 Single Crystal Germanium Market Share Analysis

5.3 Europe Single Crystal Germanium Market Analysis

5.3.1 Europe Single Crystal Germanium Market Overview

5.3.2 Europe 2013-2018E Single Crystal Germanium Local Supply, Import, Export, Local Consumption Analysis

- 5.3.3 Europe 2013-2018E Single Crystal Germanium Sales Price Analysis
- 5.3.4 Europe 2017 Single Crystal Germanium Market Share Analysis
- 5.4 Southeast Asia Single Crystal Germanium Market Analysis
  - 5.4.1 Southeast Asia Single Crystal Germanium Market Overview
  - 5.4.2 Southeast Asia 2013-2018E Single Crystal Germanium Local Supply, Import, Export, Local Consumption Analysis
  - 5.4.3 Southeast Asia 2013-2018E Single Crystal Germanium Sales Price Analysis
  - 5.4.4 Southeast Asia 2017 Single Crystal Germanium Market Share Analysis
- 5.5 Japan Single Crystal Germanium Market Analysis
  - 5.5.1 Japan Single Crystal Germanium Market Overview
  - 5.5.2 Japan 2013-2018E Single Crystal Germanium Local Supply, Import, Export, Local Consumption Analysis
  - 5.5.3 Japan 2013-2018E Single Crystal Germanium Sales Price Analysis
  - 5.5.4 Japan 2017 Single Crystal Germanium Market Share Analysis
- 5.6 India Single Crystal Germanium Market Analysis
  - 5.6.1 India Single Crystal Germanium Market Overview
  - 5.6.2 India 2013-2018E Single Crystal Germanium Local Supply, Import, Export, Local Consumption Analysis
  - 5.6.3 India 2013-2018E Single Crystal Germanium Sales Price Analysis
  - 5.6.4 India 2017 Single Crystal Germanium Market Share Analysis

## **6 GLOBAL 2013-2018E SINGLE CRYSTAL GERMANIUM SEGMENT MARKET ANALYSIS (BY TYPE)**

- 6.1 Global 2013-2018E Single Crystal Germanium Sales by Type
- 6.2 Different Types of Single Crystal Germanium Product Interview Price Analysis
- 6.3 Different Types of Single Crystal Germanium Product Driving Factors Analysis
  - 6.3.1 Solar Grade of Single Crystal Germanium Growth Driving Factor Analysis
  - 6.3.2 Infrared Grade of Single Crystal Germanium Growth Driving Factor Analysis
  - 6.3.3 Detector Grade of Single Crystal Germanium Growth Driving Factor Analysis

## **7 GLOBAL 2013-2018E SINGLE CRYSTAL GERMANIUM SEGMENT MARKET ANALYSIS (BY APPLICATION)**

- 7.1 Global 2013-2018E Single Crystal Germanium Consumption by Application
- 7.2 Different Application of Single Crystal Germanium Product Interview Price Analysis
- 7.3 Different Application of Single Crystal Germanium Product Driving Factors Analysis
  - 7.3.1 Semiconductor Device of Single Crystal Germanium Growth Driving Factor Analysis

- 7.3.2 Solar Battery of Single Crystal Germanium Growth Driving Factor Analysis
- 7.3.3 Infrared Imager of Single Crystal Germanium Growth Driving Factor Analysis
- 7.3.4 Others of Single Crystal Germanium Growth Driving Factor Analysis

## **8 MAJOR MANUFACTURERS ANALYSIS OF SINGLE CRYSTAL GERMANIUM**

### 8.1 China Germanium

#### 8.1.1 Company Profile

#### 8.1.2 Product Picture and Specifications

##### 8.1.2.1 Product A

##### 8.1.2.2 Product B

#### 8.1.3 China Germanium 2017 Single Crystal Germanium Sales, Ex-factory Price, Revenue, Gross Margin Analysis

#### 8.1.4 China Germanium 2017 Single Crystal Germanium Business Region Distribution Analysis

### 8.2 Yunnan Germanium

#### 8.2.1 Company Profile

#### 8.2.2 Product Picture and Specifications

##### 8.2.2.1 Product A

##### 8.2.2.2 Product B

#### 8.2.3 Yunnan Germanium 2017 Single Crystal Germanium Sales, Ex-factory Price, Revenue, Gross Margin Analysis

#### 8.2.4 Yunnan Germanium 2017 Single Crystal Germanium Business Region Distribution Analysis

### 8.3 Umicore

#### 8.3.1 Company Profile

#### 8.3.2 Product Picture and Specifications

##### 8.3.2.1 Product A

##### 8.3.2.2 Product B

#### 8.3.3 Umicore 2017 Single Crystal Germanium Sales, Ex-factory Price, Revenue, Gross Margin Analysis

#### 8.3.4 Umicore 2017 Single Crystal Germanium Business Region Distribution Analysis

### 8.4 Chihong Zn&Ge

#### 8.4.1 Company Profile

#### 8.4.2 Product Picture and Specifications

##### 8.4.2.1 Product A

##### 8.4.2.2 Product B

#### 8.4.3 Chihong Zn&Ge 2017 Single Crystal Germanium Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.4.4 Chihong Zn&Ge 2017 Single Crystal Germanium Business Region Distribution Analysis

8.5 AXT

8.5.1 Company Profile

8.5.2 Product Picture and Specifications

8.5.2.1 Product A

8.5.2.2 Product B

8.5.3 AXT 2017 Single Crystal Germanium Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.5.4 AXT 2017 Single Crystal Germanium Business Region Distribution Analysis

8.6 PS (Jenoptik)

8.6.1 Company Profile

8.6.2 Product Picture and Specifications

8.6.2.1 Product A

8.6.2.2 Product B

8.6.3 PS (Jenoptik) 2017 Single Crystal Germanium Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.6.4 PS (Jenoptik) 2017 Single Crystal Germanium Business Region Distribution Analysis

8.7 PPM

8.7.1 Company Profile

8.7.2 Product Picture and Specifications

8.7.2.1 Product A

8.7.2.2 Product B

8.7.3 PPM 2017 Single Crystal Germanium Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.7.4 PPM 2017 Single Crystal Germanium Business Region Distribution Analysis

8.8 Baoding Sanjing

8.8.1 Company Profile

8.8.2 Product Picture and Specifications

8.8.2.1 Product A

8.8.2.2 Product B

8.8.3 Baoding Sanjing 2017 Single Crystal Germanium Sales, Ex-factory Price, Revenue, Gross Margin Analysis

8.8.4 Baoding Sanjing 2017 Single Crystal Germanium Business Region Distribution Analysis

## **9 DEVELOPMENT TREND OF ANALYSIS OF SINGLE CRYSTAL GERMANIUM MARKET**

## 9.1 Global Single Crystal Germanium Market Trend Analysis

9.1.1 Global 2018-2025 Single Crystal Germanium Market Size (Volume and Value) Forecast

9.1.2 Global 2018-2025 Single Crystal Germanium Sales Price Forecast

## 9.2 Single Crystal Germanium Regional Market Trend

9.2.1 North America 2018-2025 Single Crystal Germanium Consumption Forecast

9.2.2 China 2018-2025 Single Crystal Germanium Consumption Forecast

9.2.3 Europe 2018-2025 Single Crystal Germanium Consumption Forecast

9.2.4 Southeast Asia 2018-2025 Single Crystal Germanium Consumption Forecast

9.2.5 Japan 2018-2025 Single Crystal Germanium Consumption Forecast

9.2.6 India 2018-2025 Single Crystal Germanium Consumption Forecast

## 9.3 Single Crystal Germanium Market Trend (Product Type)

## 9.4 Single Crystal Germanium Market Trend (Application)

# 10 SINGLE CRYSTAL GERMANIUM MARKETING TYPE ANALYSIS

## 10.1 Single Crystal Germanium Regional Marketing Type Analysis

## 10.2 Single Crystal Germanium International Trade Type Analysis

## 10.3 Traders or Distributors with Contact Information of Single Crystal Germanium by Region

## 10.4 Single Crystal Germanium Supply Chain Analysis

# 11 CONSUMERS ANALYSIS OF SINGLE CRYSTAL GERMANIUM

## 11.1 Consumer 1 Analysis

## 11.2 Consumer 2 Analysis

## 11.3 Consumer 3 Analysis

## 11.4 Consumer 4 Analysis

# 12 CONCLUSION OF THE GLOBAL SINGLE CRYSTAL GERMANIUM MARKET PROFESSIONAL SURVEY REPORT 2017

Methodology

Analyst Introduction

Data Source

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 Picture of Single Crystal Germanium  
Table Product Specifications of Single Crystal Germanium  
Table Classification of Single Crystal Germanium  
Figure Global Production Market Share of Single Crystal Germanium by Type in 2017  
Figure Solar Grade Picture  
Table Major Manufacturers of Solar Grade  
Figure Infrared Grade Picture  
Table Major Manufacturers of Infrared Grade  
Figure Detector Grade Picture  
Table Major Manufacturers of Detector Grade  
Table Applications of Single Crystal Germanium  
Figure Global Consumption Volume Market Share of Single Crystal Germanium by Application in 2017  
Figure Semiconductor Device Examples  
Table Major Consumers in Semiconductor Device  
Figure Solar Battery Examples  
Table Major Consumers in Solar Battery  
Figure Infrared Imager Examples  
Table Major Consumers in Infrared Imager  
Figure Others Examples  
Table Major Consumers in Others  
Figure Market Share of Single Crystal Germanium by Regions  
Figure North America Single Crystal Germanium Market Size (Million USD) (2013-2025)  
Figure China Single Crystal Germanium Market Size (Million USD) (2013-2025)  
Figure Europe Single Crystal Germanium Market Size (Million USD) (2013-2025)  
Figure Southeast Asia Single Crystal Germanium Market Size (Million USD) (2013-2025)  
Figure Japan Single Crystal Germanium Market Size (Million USD) (2013-2025)  
Figure India Single Crystal Germanium Market Size (Million USD) (2013-2025)  
Table Single Crystal Germanium Raw Material and Suppliers  
Table Manufacturing Cost Structure Analysis of Single Crystal Germanium in 2017  
Figure Manufacturing Process Analysis of Single Crystal Germanium  
Figure Industry Chain Structure of Single Crystal Germanium  
Table Capacity and Commercial Production Date of Global Single Crystal Germanium Major Manufacturers in 2017

Table Manufacturing Plants Distribution of Global Single Crystal Germanium Major Manufacturers in 2017

Table R&D Status and Technology Source of Global Single Crystal Germanium Major Manufacturers in 2017

Table Raw Materials Sources Analysis of Global Single Crystal Germanium Major Manufacturers in 2017

Table Global Capacity, Sales , Price, Cost, Sales Revenue (M USD) and Gross Margin of Single Crystal Germanium 2013-2018E

Figure Global 2013-2018E Single Crystal Germanium Market Size (Volume) and Growth Rate

Figure Global 2013-2018E Single Crystal Germanium Market Size (Value) and Growth Rate

Table 2013-2018E Global Single Crystal Germanium Capacity and Growth Rate

Table 2017 Global Single Crystal Germanium Capacity (K Units) List (Company Segment)

Table 2013-2018E Global Single Crystal Germanium Sales (K Units) and Growth Rate

Table 2017 Global Single Crystal Germanium Sales (K Units) List (Company Segment)

Table 2013-2018E Global Single Crystal Germanium Sales Price (USD/Unit)

Table 2017 Global Single Crystal Germanium Sales Price (USD/Unit) List (Company Segment)

Figure North America Capacity Overview

Table North America Supply, Import, Export and Consumption (K Units) of Single Crystal Germanium 2013-2018E

Figure North America 2013-2018E Single Crystal Germanium Sales Price (USD/Unit)

Figure North America 2017 Single Crystal Germanium Sales Market Share

Figure China Capacity Overview

Table China Supply, Import, Export and Consumption (K Units) of Single Crystal Germanium 2013-2018E

Figure China 2013-2018E Single Crystal Germanium Sales Price (USD/Unit)

Figure China 2017 Single Crystal Germanium Sales Market Share

Figure Europe Capacity Overview

Table Europe Supply, Import, Export and Consumption (K Units) of Single Crystal Germanium 2013-2018E

Figure Europe 2013-2018E Single Crystal Germanium Sales Price (USD/Unit)

Figure Europe 2017 Single Crystal Germanium Sales Market Share

Figure Southeast Asia Capacity Overview

Table Southeast Asia Supply, Import, Export and Consumption (K Units) of Single Crystal Germanium 2013-2018E

Figure Southeast Asia 2013-2018E Single Crystal Germanium Sales Price (USD/Unit)

Figure Southeast Asia 2017 Single Crystal Germanium Sales Market Share  
Figure Japan Capacity Overview  
Table Japan Supply, Import, Export and Consumption (K Units) of Single Crystal Germanium 2013-2018E  
Figure Japan 2013-2018E Single Crystal Germanium Sales Price (USD/Unit)  
Figure Japan 2017 Single Crystal Germanium Sales Market Share  
Figure India Capacity Overview  
Table India Supply, Import, Export and Consumption (K Units) of Single Crystal Germanium 2013-2018E  
Figure India 2013-2018E Single Crystal Germanium Sales Price (USD/Unit)  
Figure India 2017 Single Crystal Germanium Sales Market Share  
Table Global 2013-2018E Single Crystal Germanium Sales (K Units) by Type  
Table Different Types Single Crystal Germanium Product Interview Price  
Table Global 2013-2018E Single Crystal Germanium Sales (K Units) by Application  
Table Different Application Single Crystal Germanium Product Interview Price  
Table China Germanium Information List  
Table Product A Overview  
Table Product B Overview  
Table 2017 China Germanium Single Crystal Germanium Revenue (Million USD), Sales (K Units), Ex-factory Price (USD/Unit)  
Figure 2017 China Germanium Single Crystal Germanium Business Region Distribution  
Table Yunnan Germanium Information List  
Table Product A Overview  
Table Product B Overview  
Table 2017 Yunnan Germanium Single Crystal Germanium Revenue (Million USD), Sales (K Units), Ex-factory Price (USD/Unit)  
Figure 2017 Yunnan Germanium Single Crystal Germanium Business Region Distribution  
Table Umicore Information List  
Table Product A Overview  
Table Product B Overview  
Table 2015 Umicore Single Crystal Germanium Revenue (Million USD), Sales (K Units), Ex-factory Price (USD/Unit)  
Figure 2017 Umicore Single Crystal Germanium Business Region Distribution  
Table Chihong Zn&Ge Information List  
Table Product A Overview  
Table Product B Overview  
Table 2017 Chihong Zn&Ge Single Crystal Germanium Revenue (Million USD), Sales (K Units), Ex-factory Price (USD/Unit)

Figure 2017 Chihong Zn&Ge Single Crystal Germanium Business Region Distribution  
Table AXT Information List  
Table Product A Overview  
Table Product B Overview  
Table 2017 AXT Single Crystal Germanium Revenue (Million USD), Sales (K Units), Ex-factory Price (USD/Unit)  
Figure 2017 AXT Single Crystal Germanium Business Region Distribution  
Table PS (Jenoptik) Information List  
Table Product A Overview  
Table Product B Overview  
Table 2017 PS (Jenoptik) Single Crystal Germanium Revenue (Million USD), Sales (K Units), Ex-factory Price (USD/Unit)  
Figure 2017 PS (Jenoptik) Single Crystal Germanium Business Region Distribution  
Table PPM Information List  
Table Product A Overview  
Table Product B Overview  
Table 2017 PPM Single Crystal Germanium Revenue (Million USD), Sales (K Units), Ex-factory Price (USD/Unit)  
Figure 2017 PPM Single Crystal Germanium Business Region Distribution  
Table Baoding Sanjing Information List  
Table Product A Overview  
Table Product B Overview  
Table 2017 Baoding Sanjing Single Crystal Germanium Revenue (Million USD), Sales (K Units), Ex-factory Price (USD/Unit)  
Figure 2017 Baoding Sanjing Single Crystal Germanium Business Region Distribution  
Figure Global 2018-2025 Single Crystal Germanium Market Size (K Units) and Growth Rate Forecast  
Figure Global 2018-2025 Single Crystal Germanium Market Size (Million USD) and Growth Rate Forecast  
Figure Global 2018-2025 Single Crystal Germanium Sales Price (USD/Unit) Forecast  
Figure North America 2018-2025 Single Crystal Germanium Consumption Volume (K Units) and Growth Rate Forecast  
Figure China 2018-2025 Single Crystal Germanium Consumption Volume (K Units) and Growth Rate Forecast  
Figure Europe 2018-2025 Single Crystal Germanium Consumption Volume (K Units) and Growth Rate Forecast  
Figure Southeast Asia 2018-2025 Single Crystal Germanium Consumption Volume (K Units) and Growth Rate Forecast  
Figure Japan 2018-2025 Single Crystal Germanium Consumption Volume (K Units) and

Growth Rate Forecast

Figure India 2018-2025 Single Crystal Germanium Consumption Volume (K Units) and Growth Rate Forecast

Table Global Sales Volume (K Units) of Single Crystal Germanium by Type 2018-2025

Table Global Consumption Volume (K Units) of Single Crystal Germanium by Application 2018-2025

Table Traders or Distributors with Contact Information of Single Crystal Germanium by Region

## I would like to order

Product name: Global Single Crystal Germanium Market Professional Survey Report 2018

Product link: <https://marketpublishers.com/r/GAFF0D88C79QEN.html>

Price: US\$ 3,500.00 (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/GAFF0D88C79QEN.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