



# Global Pyroelectric Effect Detector Market by Size, by Type, by Application, by Region, History and Forecast 2021-2032

| Industry                    | Published  | Pages | Format |
|-----------------------------|------------|-------|--------|
| Electronics & Semiconductor | 2026-01-04 | 194   | PDF    |

| Single User | Multi User | Enterprise |
|-------------|------------|------------|
| USD 3,950   | USD 5,925  | USD 7,900  |

## Description

The global Pyroelectric Effect Detector market is projected to grow from US\$ million in 2026 to US\$ million by 2032, implying a CAGR of % over 2026-2032.

The US & Canada market for Pyroelectric Effect Detector is projected to increase from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026-2032.

The Europe market for Pyroelectric Effect Detector is projected to increase from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026-2032.

The Asia Pacific market for Pyroelectric Effect Detector is projected to increase from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026-2032.

The China market for Pyroelectric Effect Detector is projected to increase from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026-2032.

Leading global manufacturers of Pyroelectric Effect Detector include Excelitas, LASER COMPONENTS, InfraTec, RP Photonics, HORIBA, DIAS Infrared GmbH, Heimann Sensor GmbH, Teknotherm and Ophir Optronics Solutions, among others. In 2025, the top three vendors together accounted for approximately % of global revenue.

On the production side, the report examines Pyroelectric Effect Detector output, growth rates, and market shares by manufacturer and by region (at regional and country level) for 2021-2026, with forecasts through 2032.

On the consumption side, the report analyzes sales of Pyroelectric Effect Detector by region (regional and country level), company, type, and application for 2021-2026 and provides forecasts through 2032.

The report provides an overview of the global Pyroelectric Effect Detector market in terms of capacity, output, revenue, and price, analyzing global market trends using historical revenue and sales data for 2021-2025, estimates for 2026, and projected CAGRs through 2032.

The study covers key producers of Pyroelectric Effect Detector and consumption patterns in major regions and countries, assesses future market potential, and highlights priority regions and countries for segmenting the market into sub-sectors, with country-specific market value data for the U.S., Canada, Mexico, Brazil, China, Japan, South Korea, Southeast Asia, India, Germany, the U.K., Italy, the Middle East, Africa, and other countries.

The report also presents Pyroelectric Effect Detector sales, revenue, market share, and industry ranking for the main manufacturers for 2021-2026, identifies the major stakeholders in the global market, and analyzes their competitive landscape and market positioning based on recent developments and segmental revenues.

In addition, the report analyzes segment data by type and application—covering sales, revenue, and price—for 2021-2032, and evaluates and forecasts the Pyroelectric Effect Detector market size, projected growth trends, production technologies, key applications, and end-use industries.

**Pyroelectric Effect Detector Segment by Company**

- Excelitas
- LASER COMPONENTS
- InfraTec
- RP Photonics
- HORIBA
- DIAS Infrared GmbH
- Heimann Sensor GmbH
- Teknotherm
- Ophir Optronics Solutions
- Trivector Technology
- Sciencetech
- Optronic Laboratories
- ZMOTION
- Murata Manufacturing

**Pyroelectric Effect Detector Segment by Type**

- Thermoelectric Type
- Thermistor Type
- Pneumatic
- Pyroelectric Type

**Pyroelectric Effect Detector Segment by Application**

- Thermal Imaging
- Space Technology
- Laser Measurement
- Radiation Thermometry

**Pyroelectric Effect Detector Segment by Region**

- North America
- United States
- Canada
- Mexico
- Europe
- Germany
- France
- U.K.
- Italy
- Russia
- Spain
- Netherlands
- Switzerland
- Sweden
- Poland
- Asia-Pacific
- China

Japan  
South Korea  
India  
Australia  
Taiwan  
Southeast Asia  
South America  
Brazil  
Argentina  
Chile  
Middle East & Africa  
Egypt  
South Africa  
Israel  
Türkiye  
GCC Countries

Study Objectives

1. To analyze and research the global status and future forecast, involving, production, value, consumption, growth rate (CAGR), market share, historical and forecast.
2. To present the key manufacturers, capacity, production, revenue, market share, and Recent Developments.
3. To split the breakdown data by regions, type, manufacturers, and Application.
4. To analyze the global and key regions market potential and advantage, opportunity and challenge, restraints, and risks.
5. To identify significant trends, drivers, influence factors in global and regions.
6. To analyze competitive developments such as expansions, agreements, new product launches, and acquisitions in the market.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global Pyroelectric Effect Detector market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of Pyroelectric Effect Detector and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market.
5. This report helps stakeholders to gain insights into which regions to target globally.
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of Pyroelectric Effect Detector.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1:

Provides an overview of the Pyroelectric Effect Detector market, including product definition, global market growth prospects, production value, capacity, and average price forecasts (2021-2032).

## **Chapter 2:**

Analysis key trends, drivers, challenges, and opportunities within the global Pyroelectric Effect Detector industry.

## **Chapter 3:**

Detailed analysis of Pyroelectric Effect Detector market competition landscape. Including Pyroelectric Effect Detector manufacturers' output value, output and average price from 2021 to 2026, as well as competition analysis indicators such as origin, product type, application, merger and acquisition information, etc.

## **Chapter 4:**

Provides the analysis of various market segments by type, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

## **Chapter 5:**

Provides the analysis of various market segments by application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

## **Chapter 6:**

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product production/output, value, price, gross margin, product introduction, recent development, etc.

## **Chapter 7:**

Production/Production Value of Pyroelectric Effect Detector by region. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

## **Chapter 8:**

Consumption of Pyroelectric Effect Detector in regional level and country level. It provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and production of each country in the world.

## **Chapter 9:**

Analysis of industrial chain, including the upstream and downstream of the industry.

## **Chapter 10:**

Concluding Insights of the report.

# Table of Contents

## 1 Market Overview

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
  - 1.2.1 Global Pyroelectric Effect Detector Production Value Estimates and Forecasts (2021-2032)
  - 1.2.2 Global Pyroelectric Effect Detector Production Capacity Estimates and Forecasts (2021-2032)
  - 1.2.3 Global Pyroelectric Effect Detector Production Estimates and Forecasts (2021-2032)
  - 1.2.4 Global Pyroelectric Effect Detector Market Average Price (2021-2032)
- 1.3 Assumptions and Limitations
- 1.4 Study Goals and Objectives

## 2 Global Pyroelectric Effect Detector Market Dynamics

- 2.1 Pyroelectric Effect Detector Industry Trends
- 2.2 Pyroelectric Effect Detector Industry Drivers
- 2.3 Pyroelectric Effect Detector Industry Opportunities and Challenges
- 2.4 Pyroelectric Effect Detector Industry Restraints

## 3 Pyroelectric Effect Detector Market by Manufacturers

- 3.1 Global Pyroelectric Effect Detector Production Value by Manufacturers (2021-2026)
- 3.2 Global Pyroelectric Effect Detector Production by Manufacturers (2021-2026)
- 3.3 Global Pyroelectric Effect Detector Average Price by Manufacturers (2021-2026)
- 3.4 Global Pyroelectric Effect Detector Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- 3.5 Global Pyroelectric Effect Detector Key Manufacturers Manufacturing Sites & Headquarters
- 3.6 Global Pyroelectric Effect Detector Manufacturers, Product Type & Application
- 3.7 Global Pyroelectric Effect Detector Manufacturers Established Date
- 3.8 Market Competitive Analysis
  - 3.8.1 Global Pyroelectric Effect Detector Market CR5 and HHI
  - 3.8.2 Global Top 5 and 10 Pyroelectric Effect Detector Players Market Share by Production Value in 2025
  - 3.8.3 2025 Pyroelectric Effect Detector Tier 1, Tier 2, and Tier 3

## 4 Pyroelectric Effect Detector Market by Type

- 4.1 Pyroelectric Effect Detector Type Introduction
  - 4.1.1 Thermoelectric Type
  - 4.1.2 Thermistor Type
  - 4.1.3 Pneumatic
  - 4.1.4 Pyroelectric Type
- 4.2 Global Pyroelectric Effect Detector Production by Type
  - 4.2.1 Global Pyroelectric Effect Detector Production by Type (2021 VS 2025 VS 2032)
  - 4.2.2 Global Pyroelectric Effect Detector Production by Type (2021-2032)
  - 4.2.3 Global Pyroelectric Effect Detector Production Market Share by Type (2021-2032)
- 4.3 Global Pyroelectric Effect Detector Production Value by Type
  - 4.3.1 Global Pyroelectric Effect Detector Production Value by Type (2021 VS 2025 VS 2032)
  - 4.3.2 Global Pyroelectric Effect Detector Production Value by Type (2021-2032)
  - 4.3.3 Global Pyroelectric Effect Detector Production Value Market Share by Type (2021-2032)

## 5 Pyroelectric Effect Detector Market by Application

- 5.1 Pyroelectric Effect Detector Application Introduction

- 5.1.1 Thermal Imaging
- 5.1.2 Space Technology
- 5.1.3 Laser Measurement
- 5.1.4 Radiation Thermometry

5.2 Global Pyroelectric Effect Detector Production by Application

- 5.2.1 Global Pyroelectric Effect Detector Production by Application (2021 VS 2025 VS 2032)
- 5.2.2 Global Pyroelectric Effect Detector Production by Application (2021-2032)
- 5.2.3 Global Pyroelectric Effect Detector Production Market Share by Application (2021-2032)

5.3 Global Pyroelectric Effect Detector Production Value by Application

- 5.3.1 Global Pyroelectric Effect Detector Production Value by Application (2021 VS 2025 VS 2032)
- 5.3.2 Global Pyroelectric Effect Detector Production Value by Application (2021-2032)
- 5.3.3 Global Pyroelectric Effect Detector Production Value Market Share by Application (2021-2032)

---

6 Company Profiles

6.1 Excelitas

- 6.1.1 Excelitas Company Information
- 6.1.2 Excelitas Business Overview
- 6.1.3 Excelitas Pyroelectric Effect Detector Production, Value and Gross Margin (2021-2026)
- 6.1.4 Excelitas Pyroelectric Effect Detector Product Portfolio
- 6.1.5 Excelitas Recent Developments

6.2 LASER COMPONENTS

- 6.2.1 LASER COMPONENTS Company Information
- 6.2.2 LASER COMPONENTS Business Overview
- 6.2.3 LASER COMPONENTS Pyroelectric Effect Detector Production, Value and Gross Margin (2021-2026)
- 6.2.4 LASER COMPONENTS Pyroelectric Effect Detector Product Portfolio
- 6.2.5 LASER COMPONENTS Recent Developments

6.3 InfraTec

- 6.3.1 InfraTec Company Information
- 6.3.2 InfraTec Business Overview
- 6.3.3 InfraTec Pyroelectric Effect Detector Production, Value and Gross Margin (2021-2026)
- 6.3.4 InfraTec Pyroelectric Effect Detector Product Portfolio
- 6.3.5 InfraTec Recent Developments

6.4 RP Photonics

- 6.4.1 RP Photonics Company Information
- 6.4.2 RP Photonics Business Overview
- 6.4.3 RP Photonics Pyroelectric Effect Detector Production, Value and Gross Margin (2021-2026)
- 6.4.4 RP Photonics Pyroelectric Effect Detector Product Portfolio
- 6.4.5 RP Photonics Recent Developments

6.5 HORIBA

- 6.5.1 HORIBA Company Information
- 6.5.2 HORIBA Business Overview
- 6.5.3 HORIBA Pyroelectric Effect Detector Production, Value and Gross Margin (2021-2026)
- 6.5.4 HORIBA Pyroelectric Effect Detector Product Portfolio
- 6.5.5 HORIBA Recent Developments

6.6 DIAS Infrared GmbH

- 6.6.1 DIAS Infrared GmbH Company Information
- 6.6.2 DIAS Infrared GmbH Business Overview
- 6.6.3 DIAS Infrared GmbH Pyroelectric Effect Detector Production, Value and Gross Margin (2021-2026)
- 6.6.4 DIAS Infrared GmbH Pyroelectric Effect Detector Product Portfolio

6.6.5 DIAS Infrared GmbH Recent Developments

## 6.7 Heimann Sensor GmbH

6.7.1 Heimann Sensor GmbH Company Information

6.7.2 Heimann Sensor GmbH Business Overview

6.7.3 Heimann Sensor GmbH Pyroelectric Effect Detector Production, Value and Gross Margin (2021-2026)

6.7.4 Heimann Sensor GmbH Pyroelectric Effect Detector Product Portfolio

6.7.5 Heimann Sensor GmbH Recent Developments

## 6.8 Teknotherm

6.8.1 Teknotherm Company Information

6.8.2 Teknotherm Business Overview

6.8.3 Teknotherm Pyroelectric Effect Detector Production, Value and Gross Margin (2021-2026)

6.8.4 Teknotherm Pyroelectric Effect Detector Product Portfolio

6.8.5 Teknotherm Recent Developments

## 6.9 Ophir Optronics Solutions

6.9.1 Ophir Optronics Solutions Company Information

6.9.2 Ophir Optronics Solutions Business Overview

6.9.3 Ophir Optronics Solutions Pyroelectric Effect Detector Production, Value and Gross Margin (2021-2026)

6.9.4 Ophir Optronics Solutions Pyroelectric Effect Detector Product Portfolio

6.9.5 Ophir Optronics Solutions Recent Developments

## 6.10 Trivector Technology

6.10.1 Trivector Technology Company Information

6.10.2 Trivector Technology Business Overview

6.10.3 Trivector Technology Pyroelectric Effect Detector Production, Value and Gross Margin (2021-2026)

6.10.4 Trivector Technology Pyroelectric Effect Detector Product Portfolio

6.10.5 Trivector Technology Recent Developments

## 6.11 Sciencetech

6.11.1 Sciencetech Company Information

6.11.2 Sciencetech Business Overview

6.11.3 Sciencetech Pyroelectric Effect Detector Production, Value and Gross Margin (2021-2026)

6.11.4 Sciencetech Pyroelectric Effect Detector Product Portfolio

6.11.5 Sciencetech Recent Developments

## 6.12 Optronic Laboratories

6.12.1 Optronic Laboratories Company Information

6.12.2 Optronic Laboratories Business Overview

6.12.3 Optronic Laboratories Pyroelectric Effect Detector Production, Value and Gross Margin (2021-2026)

6.12.4 Optronic Laboratories Pyroelectric Effect Detector Product Portfolio

6.12.5 Optronic Laboratories Recent Developments

## 6.13 ZMOTION

6.13.1 ZMOTION Company Information

6.13.2 ZMOTION Business Overview

6.13.3 ZMOTION Pyroelectric Effect Detector Production, Value and Gross Margin (2021-2026)

6.13.4 ZMOTION Pyroelectric Effect Detector Product Portfolio

6.13.5 ZMOTION Recent Developments

## 6.14 Murata Manufacturing

6.14.1 Murata Manufacturing Company Information

6.14.2 Murata Manufacturing Business Overview

6.14.3 Murata Manufacturing Pyroelectric Effect Detector Production, Value and Gross Margin (2021-2026)

6.14.4 Murata Manufacturing Pyroelectric Effect Detector Product Portfolio

7 Global Pyroelectric Effect Detector Production by Region

7.1 Global Pyroelectric Effect Detector Production by Region: 2021 VS 2025 VS 2032

7.2 Global Pyroelectric Effect Detector Production by Region (2021-2032)

7.2.1 Global Pyroelectric Effect Detector Production by Region (2021-2026)

7.2.2 Global Pyroelectric Effect Detector Production Forecast by Region (2027-2032)

7.3 Global Pyroelectric Effect Detector Production by Region: 2021 VS 2025 VS 2032

7.4 Global Pyroelectric Effect Detector Production Value by Region (2021-2032)

7.4.1 Global Pyroelectric Effect Detector Production Value by Region (2021-2026)

7.4.2 Global Pyroelectric Effect Detector Production Value by Region (2027-2032)

7.5 Global Pyroelectric Effect Detector Market Price Analysis by Region (2021-2032)

7.6 Regional Production Value Trends (2021-2032)

7.6.1 North America Pyroelectric Effect Detector Production Value (2021-2032)

7.6.2 Europe Pyroelectric Effect Detector Production Value (2021-2032)

7.6.3 Asia-Pacific Pyroelectric Effect Detector Production Value (2021-2032)

7.6.4 South America Pyroelectric Effect Detector Production Value (2021-2032)

7.6.5 Middle East & Africa Pyroelectric Effect Detector Production Value (2021-2032)

8 Global Pyroelectric Effect Detector Consumption by Region

8.1 Global Pyroelectric Effect Detector Consumption by Region: 2021 VS 2025 VS 2032

8.2 Global Pyroelectric Effect Detector Consumption by Region (2021-2032)

8.2.1 Global Pyroelectric Effect Detector Consumption by Region (2021-2026)

8.2.2 Global Pyroelectric Effect Detector Consumption by Region (2027-2032)

8.3 North America

8.3.1 North America Pyroelectric Effect Detector Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

8.3.2 North America Pyroelectric Effect Detector Consumption by Country (2021-2032)

8.3.3 U.S.

8.3.4 Canada

8.3.5 Mexico

8.4 Europe

8.4.1 Europe Pyroelectric Effect Detector Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

8.4.2 Europe Pyroelectric Effect Detector Consumption by Country (2021-2032)

8.4.3 Germany

8.4.4 France

8.4.5 U.K.

8.4.6 Italy

8.4.7 Netherlands

8.5 Asia Pacific

8.5.1 Asia Pacific Pyroelectric Effect Detector Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

8.5.2 Asia Pacific Pyroelectric Effect Detector Consumption by Country (2021-2032)

8.5.3 China

8.5.4 Japan

8.5.5 South Korea

8.5.6 Southeast Asia

8.5.7 India

8.5.8 Australia

8.6 South America

8.6.1 South America Pyroelectric Effect Detector Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

8.6.2 South America Pyroelectric Effect Detector Consumption by Country (2021-2032)

8.6.3 Brazil

8.6.4 Argentina

8.6.5 Chile

8.6.6 Colombia

8.7 Middle East & Africa

8.7.1 Middle East & Africa Pyroelectric Effect Detector Consumption Growth Rate by Country: 2021 VS 2025 VS 2032

8.7.2 Middle East & Africa Pyroelectric Effect Detector Consumption by Country (2021-2032)

8.7.3 Egypt

8.7.4 South Africa

8.7.5 Israel

8.7.6 Türkiye

8.7.7 GCC Countries

---

## 9 Value Chain and Sales Channels Analysis

9.1 Pyroelectric Effect Detector Value Chain Analysis

9.1.1 Pyroelectric Effect Detector Key Raw Materials

9.1.2 Raw Materials Key Suppliers

9.1.3 Manufacturing Cost Structure

9.1.4 Pyroelectric Effect Detector Production Mode & Process

9.2 Pyroelectric Effect Detector Sales Channels Analysis

9.2.1 Direct Comparison with Distribution Share

9.2.2 Pyroelectric Effect Detector Distributors

9.2.3 Pyroelectric Effect Detector Customers

---

## 10 Concluding Insights

---

## 11 Appendix

11.1 Reasons for Doing This Study

11.2 Research Methodology

11.3 Research Process

11.4 Authors List of This Report

11.5 Data Source

11.5.1 Secondary Sources

11.5.2 Primary Sources

11.6 Disclaimer

# List of Tables and Figures

## List of Tables:

- Table 1: Pyroelectric Effect Detector Industry Trends
- Table 2: Pyroelectric Effect Detector Industry Drivers
- Table 3: Pyroelectric Effect Detector Industry Opportunities and Challenges
- Table 4: Pyroelectric Effect Detector Industry Restraints
- Table 5: Global Pyroelectric Effect Detector Production Value by Manufacturers (US\$ Million) & (2021-2026)
- Table 6: Global Pyroelectric Effect Detector Production Value Share by Manufacturers (2021-2026)
- Table 7: Global Pyroelectric Effect Detector Production by Manufacturers (k units) & (2021-2026)
- Table 8: Global Pyroelectric Effect Detector Production Market Share by Manufacturers
- Table 9: Global Pyroelectric Effect Detector Average Price (USD/unit) of Manufacturers (2021-2026)
- Table 10: Global Pyroelectric Effect Detector Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- Table 11: Global Pyroelectric Effect Detector Key Manufacturers Manufacturing Sites & Headquarters
- Table 12: Global Pyroelectric Effect Detector Manufacturers, Product Type & Application
- Table 13: Global Pyroelectric Effect Detector Manufacturers Established Date
- Table 14: Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15: Global Pyroelectric Effect Detector by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2025)
- Table 16: Major Manufacturers of Thermoelectric Type
- Table 17: Major Manufacturers of Thermistor Type
- Table 18: Major Manufacturers of Pneumatic
- Table 19: Major Manufacturers of Pyroelectric Type
- Table 20: Global Pyroelectric Effect Detector Production by Type 2021 VS 2025 VS 2032 (k units)
- Table 21: Global Pyroelectric Effect Detector Production by Type (2021-2026) & (k units)
- Table 22: Global Pyroelectric Effect Detector Production by Type (2027-2032) & (k units)
- Table 23: Global Pyroelectric Effect Detector Production Market Share by Type (2021-2026)
- Table 24: Global Pyroelectric Effect Detector Production Market Share by Type (2027-2032)
- Table 25: Global Pyroelectric Effect Detector Production Value by Type 2021 VS 2025 VS 2032 (k units)
- Table 26: Global Pyroelectric Effect Detector Production Value by Type (2021-2026) & (k units)
- Table 27: Global Pyroelectric Effect Detector Production Value by Type (2027-2032) & (k units)
- Table 28: Global Pyroelectric Effect Detector Production Value Market Share by Type (2021-2026)
- Table 29: Global Pyroelectric Effect Detector Production Value Market Share by Type (2027-2032)
- Table 30: Major Manufacturers of Thermal Imaging
- Table 31: Major Manufacturers of Space Technology
- Table 32: Major Manufacturers of Laser Measurement
- Table 33: Major Manufacturers of Radiation Thermometry
- Table 34: Global Pyroelectric Effect Detector Production by Application 2021 VS 2025 VS 2032 (k units)
- Table 35: Global Pyroelectric Effect Detector Production by Application (2021-2026) & (k units)
- Table 36: Global Pyroelectric Effect Detector Production by Application (2027-2032) & (k units)
- Table 37: Global Pyroelectric Effect Detector Production Market Share by Application (2021-2026)
- Table 38: Global Pyroelectric Effect Detector Production Market Share by Application (2027-2032)
- Table 39: Global Pyroelectric Effect Detector Production Value by Application 2021 VS 2025 VS 2032 (k units)
- Table 40: Global Pyroelectric Effect Detector Production Value by Application (2021-2026) & (k units)
- Table 41: Global Pyroelectric Effect Detector Production Value by Application (2027-2032) & (k units)
- Table 42: Global Pyroelectric Effect Detector Production Value Market Share by Application (2021-2026)
- Table 43: Global Pyroelectric Effect Detector Production Value Market Share by Application (2027-2032)
- Table 44: Excelitas Company Information
- Table 45: Excelitas Business Overview
- Table 46: Excelitas Pyroelectric Effect Detector Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 47: Excelitas Pyroelectric Effect Detector Product Portfolio
- Table 48: Excelitas Recent Development
- Table 49: LASER COMPONENTS Company Information
- Table 50: LASER COMPONENTS Business Overview
- Table 51: LASER COMPONENTS Pyroelectric Effect Detector Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 52: LASER COMPONENTS Pyroelectric Effect Detector Product Portfolio

- [Table 53: LASER COMPONENTS Recent Development](#)
- [Table 54: InfraTec Company Information](#)
- [Table 55: InfraTec Business Overview](#)
- [Table 56: InfraTec Pyroelectric Effect Detector Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 57: InfraTec Pyroelectric Effect Detector Product Portfolio](#)
- [Table 58: InfraTec Recent Development](#)
- [Table 59: RP Photonics Company Information](#)
- [Table 60: RP Photonics Business Overview](#)
- [Table 61: RP Photonics Pyroelectric Effect Detector Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 62: RP Photonics Pyroelectric Effect Detector Product Portfolio](#)
- [Table 63: RP Photonics Recent Development](#)
- [Table 64: HORIBA Company Information](#)
- [Table 65: HORIBA Business Overview](#)
- [Table 66: HORIBA Pyroelectric Effect Detector Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 67: HORIBA Pyroelectric Effect Detector Product Portfolio](#)
- [Table 68: HORIBA Recent Development](#)
- [Table 69: DIAS Infrared GmbH Company Information](#)
- [Table 70: DIAS Infrared GmbH Business Overview](#)
- [Table 71: DIAS Infrared GmbH Pyroelectric Effect Detector Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 72: DIAS Infrared GmbH Pyroelectric Effect Detector Product Portfolio](#)
- [Table 73: DIAS Infrared GmbH Recent Development](#)
- [Table 74: Heimann Sensor GmbH Company Information](#)
- [Table 75: Heimann Sensor GmbH Business Overview](#)
- [Table 76: Heimann Sensor GmbH Pyroelectric Effect Detector Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 77: Heimann Sensor GmbH Pyroelectric Effect Detector Product Portfolio](#)
- [Table 78: Heimann Sensor GmbH Recent Development](#)
- [Table 79: Teknotherm Company Information](#)
- [Table 80: Teknotherm Business Overview](#)
- [Table 81: Teknotherm Pyroelectric Effect Detector Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 82: Teknotherm Pyroelectric Effect Detector Product Portfolio](#)
- [Table 83: Teknotherm Recent Development](#)
- [Table 84: Ophir Optronics Solutions Company Information](#)
- [Table 85: Ophir Optronics Solutions Business Overview](#)
- [Table 86: Ophir Optronics Solutions Pyroelectric Effect Detector Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 87: Ophir Optronics Solutions Pyroelectric Effect Detector Product Portfolio](#)
- [Table 88: Ophir Optronics Solutions Recent Development](#)
- [Table 89: Trivector Technology Company Information](#)
- [Table 90: Trivector Technology Business Overview](#)
- [Table 91: Trivector Technology Pyroelectric Effect Detector Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 92: Trivector Technology Pyroelectric Effect Detector Product Portfolio](#)
- [Table 93: Trivector Technology Recent Development](#)
- [Table 94: Sciencetech Company Information](#)
- [Table 95: Sciencetech Business Overview](#)
- [Table 96: Sciencetech Pyroelectric Effect Detector Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 97: Sciencetech Pyroelectric Effect Detector Product Portfolio](#)
- [Table 98: Sciencetech Recent Development](#)
- [Table 99: Optronic Laboratories Company Information](#)
- [Table 100: Optronic Laboratories Business Overview](#)
- [Table 101: Optronic Laboratories Pyroelectric Effect Detector Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)
- [Table 102: Optronic Laboratories Pyroelectric Effect Detector Product Portfolio](#)
- [Table 103: Optronic Laboratories Recent Development](#)
- [Table 104: ZMOTION Company Information](#)
- [Table 105: ZMOTION Business Overview](#)
- [Table 106: ZMOTION Pyroelectric Effect Detector Production \(k units\), Value \(US\\$ Million\), Price \(USD/unit\) and Gross Margin \(2021-2026\)](#)

- Table 107: ZMOTION Pyroelectric Effect Detector Product Portfolio
- Table 108: ZMOTION Recent Development
- Table 109: Murata Manufacturing Company Information
- Table 110: Murata Manufacturing Business Overview
- Table 111: Murata Manufacturing Pyroelectric Effect Detector Production (k units), Value (US\$ Million), Price (USD/unit) and Gross Margin (2021-2026)
- Table 112: Murata Manufacturing Pyroelectric Effect Detector Product Portfolio
- Table 113: Murata Manufacturing Recent Development
- Table 114: Global Pyroelectric Effect Detector Production by Region: 2021 VS 2025 VS 2032 (k units)
- Table 115: Global Pyroelectric Effect Detector Production by Region (2021-2026) & (k units)
- Table 116: Global Pyroelectric Effect Detector Production Market Share by Region (2021-2026)
- Table 117: Global Pyroelectric Effect Detector Production Forecast by Region (2027-2032) & (k units)
- Table 118: Global Pyroelectric Effect Detector Production Market Share Forecast by Region (2027-2032)
- Table 119: Global Pyroelectric Effect Detector Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 120: Global Pyroelectric Effect Detector Production Value by Region (2021-2026) & (US\$ Million)
- Table 121: Global Pyroelectric Effect Detector Production Value Share by Region (2021-2026)
- Table 122: Global Pyroelectric Effect Detector Production Value by Region (2027-2032) & (US\$ Million)
- Table 123: Global Pyroelectric Effect Detector Production Value Share by Region: (2027-2032) & (US\$ Million)
- Table 124: Global Pyroelectric Effect Detector Market Average Price (USD/unit) by Region (2021-2026)
- Table 125: Global Pyroelectric Effect Detector Market Average Price (USD/unit) by Region (2027-2032)
- Table 126: Global Pyroelectric Effect Detector Consumption by Region: 2021 VS 2025 VS 2032 (k units)
- Table 127: Global Pyroelectric Effect Detector Consumption by Region (2021-2026) & (k units)
- Table 128: Global Pyroelectric Effect Detector Consumption Market Share by Region (2021-2026)
- Table 129: Global Pyroelectric Effect Detector Consumption Forecasted by Region (2027-2032) & (k units)
- Table 130: Global Pyroelectric Effect Detector Consumption Forecasted Market Share by Region (2027-2032)
- Table 131: North America Pyroelectric Effect Detector Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 132: North America Pyroelectric Effect Detector Consumption by Country (2021-2026) & (k units)
- Table 133: North America Pyroelectric Effect Detector Consumption by Country (2027-2032) & (k units)
- Table 134: Europe Pyroelectric Effect Detector Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 135: Europe Pyroelectric Effect Detector Consumption by Country (2021-2026) & (k units)
- Table 136: Europe Pyroelectric Effect Detector Consumption by Country (2027-2032) & (k units)
- Table 137: Asia Pacific Pyroelectric Effect Detector Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 138: Asia Pacific Pyroelectric Effect Detector Consumption by Country (2021-2026) & (k units)
- Table 139: Asia Pacific Pyroelectric Effect Detector Consumption by Country (2027-2032) & (k units)
- Table 140: South America Pyroelectric Effect Detector Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 141: South America Pyroelectric Effect Detector Consumption by Country (2021-2026) & (k units)
- Table 142: South America Pyroelectric Effect Detector Consumption by Country (2027-2032) & (k units)
- Table 143: Middle East & Africa Pyroelectric Effect Detector Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (k units)
- Table 144: Middle East & Africa Pyroelectric Effect Detector Consumption by Country (2021-2026) & (k units)
- Table 145: Middle East & Africa Pyroelectric Effect Detector Consumption by Country (2027-2032) & (k units)
- Table 146: Key Raw Materials
- Table 147: Raw Materials Key Suppliers
- Table 148: Pyroelectric Effect Detector Distributors List
- Table 149: Pyroelectric Effect Detector Customers List
- Table 150: Research Programs/Design for This Report
- Table 151: Authors List of This Report
- Table 152: Secondary Sources
- Table 153: Primary Sources

## List of Figures:

- Figure 1: Pyroelectric Effect Detector Product Image
- Figure 2: Global Pyroelectric Effect Detector Production Value (US\$ Million), 2021 VS 2025 VS 2032
- Figure 3: Global Pyroelectric Effect Detector Production Value (2021-2032) & (US\$ Million)
- Figure 4: Global Pyroelectric Effect Detector Production Capacity (2021-2032) & (k units)
- Figure 5: Global Pyroelectric Effect Detector Production (2021-2032) & (k units)
- Figure 6: Global Pyroelectric Effect Detector Average Price (USD/unit) & (2021-2032)
- Figure 7: Global Top 5 and 10 Pyroelectric Effect Detector Players Market Share by Production Value in 2025
- Figure 8: Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 9: Thermoelectric Type Image
- Figure 10: Thermistor Type Image
- Figure 11: Pneumatic Image

- Figure 12: Pyroelectric Type Image
- Figure 13: Global Pyroelectric Effect Detector Production by Type (2021 VS 2025 VS 2032) & (k units)
- Figure 14: Global Pyroelectric Effect Detector Production Market Share 2021 VS 2025 VS 2032
- Figure 15: Global Pyroelectric Effect Detector Production Market Share by Type (2021-2032)
- Figure 16: Global Pyroelectric Effect Detector Production Value by Type (2021 VS 2025 VS 2032) & (k units)
- Figure 17: Global Pyroelectric Effect Detector Production Value Share 2021 VS 2025 VS 2032
- Figure 18: Global Pyroelectric Effect Detector Production Value Share by Type (2021-2032)
- Figure 19: Thermal Imaging Image
- Figure 20: Space Technology Image
- Figure 21: Laser Measurement Image
- Figure 22: Radiation Thermometry Image
- Figure 23: Global Pyroelectric Effect Detector Production by Application (2021 VS 2025 VS 2032) & (k units)
- Figure 24: Global Pyroelectric Effect Detector Production Market Share 2021 VS 2025 VS 2032
- Figure 25: Global Pyroelectric Effect Detector Production Market Share by Application (2021-2032)
- Figure 26: Global Pyroelectric Effect Detector Production Value by Application (2021 VS 2025 VS 2032) & (k units)
- Figure 27: Global Pyroelectric Effect Detector Production Value Share 2021 VS 2025 VS 2032
- Figure 28: Global Pyroelectric Effect Detector Production Value Share by Application (2021-2032)
- Figure 29: Global Pyroelectric Effect Detector Production by Region: 2021 VS 2025 VS 2032 (k units)
- Figure 30: Global Pyroelectric Effect Detector Production Market Share by Region: 2021 VS 2025 VS 2032
- Figure 31: Global Pyroelectric Effect Detector Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 32: Global Pyroelectric Effect Detector Production Value Share by Region: 2021 VS 2025 VS 2032
- Figure 33: North America Pyroelectric Effect Detector Production Value (2021-2032) & (US\$ Million)
- Figure 34: Europe Pyroelectric Effect Detector Production Value (2021-2032) & (US\$ Million)
- Figure 35: Asia-Pacific Pyroelectric Effect Detector Production Value (2021-2032) & (US\$ Million)
- Figure 36: South America Pyroelectric Effect Detector Production Value (2021-2032) & (US\$ Million)
- Figure 37: Middle East & Africa Pyroelectric Effect Detector Production Value (2021-2032) & (US\$ Million)
- Figure 38: North America Pyroelectric Effect Detector Consumption and Growth Rate (2021-2032) & (k units)
- Figure 39: North America Pyroelectric Effect Detector Consumption Market Share by Country (2021-2032)
- Figure 40: U.S. Pyroelectric Effect Detector Consumption and Growth Rate (2021-2032) & (k units)
- Figure 41: Canada Pyroelectric Effect Detector Consumption and Growth Rate (2021-2032) & (k units)
- Figure 42: Mexico Pyroelectric Effect Detector Consumption and Growth Rate (2021-2032) & (k units)
- Figure 43: Europe Pyroelectric Effect Detector Consumption and Growth Rate (2021-2032) & (k units)
- Figure 44: Europe Pyroelectric Effect Detector Consumption Market Share by Country (2021-2032)
- Figure 45: Germany Pyroelectric Effect Detector Consumption and Growth Rate (2021-2032) & (k units)
- Figure 46: France Pyroelectric Effect Detector Consumption and Growth Rate (2021-2032) & (k units)
- Figure 47: U.K. Pyroelectric Effect Detector Consumption and Growth Rate (2021-2032) & (k units)
- Figure 48: Italy Pyroelectric Effect Detector Consumption and Growth Rate (2021-2032) & (k units)
- Figure 49: Netherlands Pyroelectric Effect Detector Consumption and Growth Rate (2021-2032) & (k units)
- Figure 50: Asia Pacific Pyroelectric Effect Detector Consumption and Growth Rate (2021-2032) & (k units)
- Figure 51: Asia Pacific Pyroelectric Effect Detector Consumption Market Share by Country (2021-2032)
- Figure 52: China Pyroelectric Effect Detector Consumption and Growth Rate (2021-2032) & (k units)
- Figure 53: Japan Pyroelectric Effect Detector Consumption and Growth Rate (2021-2032) & (k units)
- Figure 54: South Korea Pyroelectric Effect Detector Consumption and Growth Rate (2021-2032) & (k units)
- Figure 55: Southeast Asia Pyroelectric Effect Detector Consumption and Growth Rate (2021-2032) & (k units)
- Figure 56: India Pyroelectric Effect Detector Consumption and Growth Rate (2021-2032) & (k units)
- Figure 57: Australia Pyroelectric Effect Detector Consumption and Growth Rate (2021-2032) & (k units)
- Figure 58: South America Pyroelectric Effect Detector Consumption and Growth Rate (2021-2032) & (k units)
- Figure 59: South America Pyroelectric Effect Detector Consumption Market Share by Country (2021-2032)
- Figure 60: Brazil Pyroelectric Effect Detector Consumption and Growth Rate (2021-2032) & (k units)
- Figure 61: Argentina Pyroelectric Effect Detector Consumption and Growth Rate (2021-2032) & (k units)
- Figure 62: Chile Pyroelectric Effect Detector Consumption and Growth Rate (2021-2032) & (k units)
- Figure 63: Middle East & Africa Pyroelectric Effect Detector Consumption and Growth Rate (2021-2032) & (k units)
- Figure 64: Middle East & Africa Pyroelectric Effect Detector Consumption Market Share by Country (2021-2032)
- Figure 65: Egypt Pyroelectric Effect Detector Consumption and Growth Rate (2021-2032) & (k units)
- Figure 66: South Africa Pyroelectric Effect Detector Consumption and Growth Rate (2021-2032) & (k units)
- Figure 67: Israel Pyroelectric Effect Detector Consumption and Growth Rate (2021-2032) & (k units)
- Figure 68: Türkiye Pyroelectric Effect Detector Consumption and Growth Rate (2021-2032) & (k units)
- Figure 69: GCC Countries Pyroelectric Effect Detector Consumption and Growth Rate (2021-2032) & (k units)
- Figure 70: Pyroelectric Effect Detector Value Chain
- Figure 71: Manufacturing Cost Structure
- Figure 72: Pyroelectric Effect Detector Production Mode & Process
- Figure 73: Direct Comparison with Distribution Share
- Figure 74: Distributors Profiles
- Figure 75: Years Considered

- Figure 76: Research Process
- Figure 77: Key Executives Interviewed