



Pyrometers Industry Research Report 2026

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Description

A pyrometer is a type of remote-sensing thermometer used to measure the temperature of a surface.

The pyrometer is also known as temperature gun or infrared thermometer.

The pyrometers market develops rapidly in the past several years, and now the market is being dominated by few players from Germany, UK, Japan and United States, like Fluke, Extech, Optron, Williamson Corporation, Omega Engineering, Milwaukee Tool and Precision Mastech from United States, the Keller HCW, Optris, PCE Instruments, Optron, DIAS Infrared GmbH, Sensortherm and Testo from Germany, the Calnex, Ametek Land, from UK, while Chino and Tashika from Japan, There are also many manufacturers from China, but they almost are middle and small scale, produce and sell the low-end pyrometers, low price and fierce competition, the players include Uni-Trend Technology(China), Smart Sensor(China), CEM(China), Shenzhen Flus Technology(China), Wuhan Dkoe Optoelectronic Technology and other players.

Europe is the largest producer of pyrometers, occupying for over 38% of market share, North America is the largest producer, with a market share of 21%. In next several years, Europe and United States will stay ahead in the competitiveness race.

Report Scope

This report quantifies the global Pyrometers market in revenue (US\$ million) and, where applicable, sales volume (K Units), using 2025 as the base year and providing annual historical and forecast data for 2021–2032. It standardizes definitions of types and applications, harmonizes vendor attribution, and presents comparable time series by company, type, application, and region/country, including indicative price bands (US\$/K Units) and concentration ratios (CR5/CR10).

The outputs are intended to support strategy development, budgeting, and performance benchmarking for manufacturers, new entrants, channel partners, and investors; the report also reviews technology shifts and notable product introductions relevant to Pyrometers.

Key Companies & Market Share Insights

This section profiles leading manufacturers, combining 2021–2025 results with a 2026–2032 outlook. It reports revenue, market share, price bands, product and application mix, regional and channel mix, and key developments (M&A, capacity additions, certifications). It also provides global revenue, average price, and—where applicable—sales volume by manufacturer, and calculates CR5/CR10 and rank changes to support comparative benchmarking.

Pyrometers Market by Company

Fluke(US)

Keller HCW(Germany)

Optris(Germany)

FLIR Systems(Extech)(US)

Accurate Sensors Technologies(AST)

LumaSense Technologies(US)

PCE Instruments(Germany)

Optron(Germany)

Calex(UK)

Ametek Land(US)

Williamson Corporation(US)

DIAS Infrared GmbH(Germany)

Omega Engineering(US)

Sensortherm(Germany)

Milwaukee Tool(US)

Precision Mastech(US)

Chino(Japan)

Testo(Germany)

Tashika(Japan)

Uni-Trend Technology(China)

Smart Sensor(China)

CEM(China)

Shenzhen Flus Technology(China)

Wuhan Dkoe

Pyrometers Segment by Type

Stationary Pyrometers

Portable Pyrometers

Pyrometers Segment by Application

Metal/Metallurgy/Foundries

Glass Industry

Cement Industry

Ceramic and Chemical

HVAC

Food & Medical

Other

Pyrometers 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

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

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 Pyrometers 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 Pyrometers 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 Pyrometers.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1:

Research objectives, research methods, data sources, data cross-validation;

Chapter 2:

Introduces the report scope of the report, executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the market and its likely evolution in the short to mid-term, and long term.

Chapter 3:

Detailed analysis of Pyrometers manufacturers competitive landscape, price, production and value market share, latest development plan, merger, and acquisition information, etc.

Chapter 4:

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 5:

Production/output, value of Pyrometers by region/country. It provides a quantitative analysis of the market size and development potential of each region in the next six years.

Chapter 6:

Consumption of Pyrometers 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 7:

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 8:

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 9:

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

Chapter 10:

Introduces the market dynamics, latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 11:

The main points and conclusions of the report.

Table of Contents

1 Preface

- 1.1 Scope of Report
- 1.2 Reasons for Doing This Study
- 1.3 Research Methodology
- 1.4 Research Process
- 1.5 Data Source
 - 1.5.1 Secondary Sources
 - 1.5.2 Primary Sources

2 Market Overview

- 2.1 Product Definition
- 2.2 Pyrometers by Type
 - 2.2.1 Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.2.2 Stationary Pyrometers
 - 2.2.3 Portable Pyrometers
- 2.3 Pyrometers by Application
 - 2.3.1 Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
 - 2.3.2 Metal/Metallurgy/Foundries
 - 2.3.3 Glass Industry
 - 2.3.4 Cement Industry
 - 2.3.5 Ceramic and Chemical
 - 2.3.6 HVAC
 - 2.3.7 Food & Medical
 - 2.3.8 Other
- 2.4 Global Market Growth Prospects
 - 2.4.1 Global Pyrometers Production Value Estimates and Forecasts (2021-2032)
 - 2.4.2 Global Pyrometers Production Capacity Estimates and Forecasts (2021-2032)
 - 2.4.3 Global Pyrometers Production Estimates and Forecasts (2021-2032)
 - 2.4.4 Global Pyrometers Market Average Price (2021-2032)

3 Market Competitive Landscape by Manufacturers

- 3.1 Global Pyrometers Production by Manufacturers (2021-2026)
- 3.2 Global Pyrometers Production Value by Manufacturers (2021-2026)
- 3.3 Global Pyrometers Average Price by Manufacturers (2021-2026)
- 3.4 Global Pyrometers Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- 3.5 Global Pyrometers Key Manufacturers, Manufacturing Sites & Headquarters
- 3.6 Global Pyrometers Manufacturers, Product Type & Application
- 3.7 Global Pyrometers Manufacturers Established Date
- 3.8 Global Pyrometers Market CR5 and HHI
- 3.9 Global Manufacturers Mergers & Acquisition

4 Manufacturers Profiled

- 4.1 Fluke(US)
 - 4.1.1 Fluke(US) Pyrometers Company Information
 - 4.1.2 Fluke(US) Pyrometers Business Overview
 - 4.1.3 Fluke(US) Pyrometers Production, Value and Gross Margin (2021-2026)

- 4.1.4 Fluke(US) Product Portfolio
- 4.1.5 Fluke(US) Recent Developments
- 4.2 Keller HCW(Germany)
 - 4.2.1 Keller HCW(Germany) Pyrometers Company Information
 - 4.2.2 Keller HCW(Germany) Pyrometers Business Overview
 - 4.2.3 Keller HCW(Germany) Pyrometers Production, Value and Gross Margin (2021-2026)
 - 4.2.4 Keller HCW(Germany) Product Portfolio
 - 4.2.5 Keller HCW(Germany) Recent Developments
- 4.3 Optris(Germany)
 - 4.3.1 Optris(Germany) Pyrometers Company Information
 - 4.3.2 Optris(Germany) Pyrometers Business Overview
 - 4.3.3 Optris(Germany) Pyrometers Production, Value and Gross Margin (2021-2026)
 - 4.3.4 Optris(Germany) Product Portfolio
 - 4.3.5 Optris(Germany) Recent Developments
- 4.4 FLIR Systems(Extech)(US)
 - 4.4.1 FLIR Systems(Extech)(US) Pyrometers Company Information
 - 4.4.2 FLIR Systems(Extech)(US) Pyrometers Business Overview
 - 4.4.3 FLIR Systems(Extech)(US) Pyrometers Production, Value and Gross Margin (2021-2026)
 - 4.4.4 FLIR Systems(Extech)(US) Product Portfolio
 - 4.4.5 FLIR Systems(Extech)(US) Recent Developments
- 4.5 Accurate Sensors Technologies(AST)
 - 4.5.1 Accurate Sensors Technologies(AST) Pyrometers Company Information
 - 4.5.2 Accurate Sensors Technologies(AST) Pyrometers Business Overview
 - 4.5.3 Accurate Sensors Technologies(AST) Pyrometers Production, Value and Gross Margin (2021-2026)
 - 4.5.4 Accurate Sensors Technologies(AST) Product Portfolio
 - 4.5.5 Accurate Sensors Technologies(AST) Recent Developments
- 4.6 LumaSense Technologies(US)
 - 4.6.1 LumaSense Technologies(US) Pyrometers Company Information
 - 4.6.2 LumaSense Technologies(US) Pyrometers Business Overview
 - 4.6.3 LumaSense Technologies(US) Pyrometers Production, Value and Gross Margin (2021-2026)
 - 4.6.4 LumaSense Technologies(US) Product Portfolio
 - 4.6.5 LumaSense Technologies(US) Recent Developments
- 4.7 PCE Instruments(Germany)
 - 4.7.1 PCE Instruments(Germany) Pyrometers Company Information
 - 4.7.2 PCE Instruments(Germany) Pyrometers Business Overview
 - 4.7.3 PCE Instruments(Germany) Pyrometers Production, Value and Gross Margin (2021-2026)
 - 4.7.4 PCE Instruments(Germany) Product Portfolio
 - 4.7.5 PCE Instruments(Germany) Recent Developments
- 4.8 Optron(Germany)
 - 4.8.1 Optron(Germany) Pyrometers Company Information
 - 4.8.2 Optron(Germany) Pyrometers Business Overview
 - 4.8.3 Optron(Germany) Pyrometers Production, Value and Gross Margin (2021-2026)
 - 4.8.4 Optron(Germany) Product Portfolio
 - 4.8.5 Optron(Germany) Recent Developments
- 4.9 Calex(UK)
 - 4.9.1 Calex(UK) Pyrometers Company Information
 - 4.9.2 Calex(UK) Pyrometers Business Overview
 - 4.9.3 Calex(UK) Pyrometers Production, Value and Gross Margin (2021-2026)

- 4.9.4 Calex(UK) Product Portfolio
- 4.9.5 Calex(UK) Recent Developments
- 4.10 Ametek Land(US)
 - 4.10.1 Ametek Land(US) Pyrometers Company Information
 - 4.10.2 Ametek Land(US) Pyrometers Business Overview
 - 4.10.3 Ametek Land(US) Pyrometers Production, Value and Gross Margin (2021-2026)
 - 4.10.4 Ametek Land(US) Product Portfolio
 - 4.10.5 Ametek Land(US) Recent Developments
- 4.11 Williamson Corporation(US)
 - 4.11.1 Williamson Corporation(US) Pyrometers Company Information
 - 4.11.2 Williamson Corporation(US) Pyrometers Business Overview
 - 4.11.3 Williamson Corporation(US) Pyrometers Production, Value and Gross Margin (2021-2026)
 - 4.11.4 Williamson Corporation(US) Product Portfolio
 - 4.11.5 Williamson Corporation(US) Recent Developments
- 4.12 DIAS Infrared GmbH(Germany)
 - 4.12.1 DIAS Infrared GmbH(Germany) Pyrometers Company Information
 - 4.12.2 DIAS Infrared GmbH(Germany) Pyrometers Business Overview
 - 4.12.3 DIAS Infrared GmbH(Germany) Pyrometers Production, Value and Gross Margin (2021-2026)
 - 4.12.4 DIAS Infrared GmbH(Germany) Product Portfolio
 - 4.12.5 DIAS Infrared GmbH(Germany) Recent Developments
- 4.13 Omega Engineering(US)
 - 4.13.1 Omega Engineering(US) Pyrometers Company Information
 - 4.13.2 Omega Engineering(US) Pyrometers Business Overview
 - 4.13.3 Omega Engineering(US) Pyrometers Production, Value and Gross Margin (2021-2026)
 - 4.13.4 Omega Engineering(US) Product Portfolio
 - 4.13.5 Omega Engineering(US) Recent Developments
- 4.14 Sensortherm(Germany)
 - 4.14.1 Sensortherm(Germany) Pyrometers Company Information
 - 4.14.2 Sensortherm(Germany) Pyrometers Business Overview
 - 4.14.3 Sensortherm(Germany) Pyrometers Production, Value and Gross Margin (2021-2026)
 - 4.14.4 Sensortherm(Germany) Product Portfolio
 - 4.14.5 Sensortherm(Germany) Recent Developments
- 4.15 Milwaukee Tool(US)
 - 4.15.1 Milwaukee Tool(US) Pyrometers Company Information
 - 4.15.2 Milwaukee Tool(US) Pyrometers Business Overview
 - 4.15.3 Milwaukee Tool(US) Pyrometers Production, Value and Gross Margin (2021-2026)
 - 4.15.4 Milwaukee Tool(US) Product Portfolio
 - 4.15.5 Milwaukee Tool(US) Recent Developments
- 4.16 Precision Mastech(US)
 - 4.16.1 Precision Mastech(US) Pyrometers Company Information
 - 4.16.2 Precision Mastech(US) Pyrometers Business Overview
 - 4.16.3 Precision Mastech(US) Pyrometers Production, Value and Gross Margin (2021-2026)
 - 4.16.4 Precision Mastech(US) Product Portfolio
 - 4.16.5 Precision Mastech(US) Recent Developments
- 4.17 Chino(Japan)
 - 4.17.1 Chino(Japan) Pyrometers Company Information
 - 4.17.2 Chino(Japan) Pyrometers Business Overview
 - 4.17.3 Chino(Japan) Pyrometers Production, Value and Gross Margin (2021-2026)

- 4.17.4 Chino(Japan) Product Portfolio
- 4.17.5 Chino(Japan) Recent Developments
- 4.18 Testo(Germany)
 - 4.18.1 Testo(Germany) Pyrometers Company Information
 - 4.18.2 Testo(Germany) Pyrometers Business Overview
 - 4.18.3 Testo(Germany) Pyrometers Production, Value and Gross Margin (2021-2026)
 - 4.18.4 Testo(Germany) Product Portfolio
 - 4.18.5 Testo(Germany) Recent Developments
- 4.19 Tashika(Japan)
 - 4.19.1 Tashika(Japan) Pyrometers Company Information
 - 4.19.2 Tashika(Japan) Pyrometers Business Overview
 - 4.19.3 Tashika(Japan) Pyrometers Production, Value and Gross Margin (2021-2026)
 - 4.19.4 Tashika(Japan) Product Portfolio
 - 4.19.5 Tashika(Japan) Recent Developments
- 4.20 Uni-Trend Technology(China)
 - 4.20.1 Uni-Trend Technology(China) Pyrometers Company Information
 - 4.20.2 Uni-Trend Technology(China) Pyrometers Business Overview
 - 4.20.3 Uni-Trend Technology(China) Pyrometers Production, Value and Gross Margin (2021-2026)
 - 4.20.4 Uni-Trend Technology(China) Product Portfolio
 - 4.20.5 Uni-Trend Technology(China) Recent Developments
- 4.21 Smart Sensor(China)
 - 4.21.1 Smart Sensor(China) Pyrometers Company Information
 - 4.21.2 Smart Sensor(China) Pyrometers Business Overview
 - 4.21.3 Smart Sensor(China) Pyrometers Production, Value and Gross Margin (2021-2026)
 - 4.21.4 Smart Sensor(China) Product Portfolio
 - 4.21.5 Smart Sensor(China) Recent Developments
- 4.22 CEM(China)
 - 4.22.1 CEM(China) Pyrometers Company Information
 - 4.22.2 CEM(China) Pyrometers Business Overview
 - 4.22.3 CEM(China) Pyrometers Production, Value and Gross Margin (2021-2026)
 - 4.22.4 CEM(China) Product Portfolio
 - 4.22.5 CEM(China) Recent Developments
- 4.23 Shenzhen Flus Technology(China)
 - 4.23.1 Shenzhen Flus Technology(China) Pyrometers Company Information
 - 4.23.2 Shenzhen Flus Technology(China) Pyrometers Business Overview
 - 4.23.3 Shenzhen Flus Technology(China) Pyrometers Production, Value and Gross Margin (2021-2026)
 - 4.23.4 Shenzhen Flus Technology(China) Product Portfolio
 - 4.23.5 Shenzhen Flus Technology(China) Recent Developments
- 4.24 Wuhan Dkoe
 - 4.24.1 Wuhan Dkoe Pyrometers Company Information
 - 4.24.2 Wuhan Dkoe Pyrometers Business Overview
 - 4.24.3 Wuhan Dkoe Pyrometers Production, Value and Gross Margin (2021-2026)
 - 4.24.4 Wuhan Dkoe Product Portfolio
 - 4.24.5 Wuhan Dkoe Recent Developments

5 Global Pyrometers Production by Region

- 5.1 Global Pyrometers Production Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
- 5.2 Global Pyrometers Production by Region: 2021-2032
 - 5.2.1 Global Pyrometers Production by Region: 2021-2026

- 5.2.2 Global Pyrometers Production Forecast by Region (2027-2032)
 - 5.3 Global Pyrometers Production Value Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
 - 5.4 Global Pyrometers Production Value by Region: 2021-2032
 - 5.4.1 Global Pyrometers Production Value by Region: 2021-2026
 - 5.4.2 Global Pyrometers Production Value Forecast by Region (2027-2032)
 - 5.5 Global Pyrometers Market Price Analysis by Region (2021-2026)
 - 5.6 Global Pyrometers Production and Value, YOY Growth
 - 5.6.1 North America Pyrometers Production Value Estimates and Forecasts (2021-2032)
 - 5.6.2 Europe Pyrometers Production Value Estimates and Forecasts (2021-2032)
 - 5.6.3 China Pyrometers Production Value Estimates and Forecasts (2021-2032)
 - 5.6.4 Japan Pyrometers Production Value Estimates and Forecasts (2021-2032)
-

6 Global Pyrometers Consumption by Region

- 6.1 Global Pyrometers Consumption Estimates and Forecasts by Region: 2021 VS 2025 VS 2032
- 6.2 Global Pyrometers Consumption by Region (2021-2032)
 - 6.2.1 Global Pyrometers Consumption by Region: 2021-2026
 - 6.2.2 Global Pyrometers Forecasted Consumption by Region (2027-2032)
- 6.3 North America
 - 6.3.1 North America Pyrometers Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
 - 6.3.2 North America Pyrometers Consumption by Country (2021-2032)
 - 6.3.3 United States
 - 6.3.4 Canada
 - 6.3.5 Mexico
- 6.4 Europe
 - 6.4.1 Europe Pyrometers Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
 - 6.4.2 Europe Pyrometers Consumption by Country (2021-2032)
 - 6.4.3 Germany
 - 6.4.4 France
 - 6.4.5 U.K.
 - 6.4.6 Italy
 - 6.4.7 Russia
 - 6.4.8 Spain
 - 6.4.9 Netherlands
 - 6.4.10 Switzerland
 - 6.4.11 Sweden
 - 6.4.12 Poland
- 6.5 Asia Pacific
 - 6.5.1 Asia Pacific Pyrometers Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
 - 6.5.2 Asia Pacific Pyrometers Consumption by Country (2021-2032)
 - 6.5.3 China
 - 6.5.4 Japan
 - 6.5.5 South Korea
 - 6.5.6 India
 - 6.5.7 Australia
 - 6.5.8 Taiwan
 - 6.5.9 Southeast Asia
- 6.6 South America, Middle East & Africa
 - 6.6.1 South America, Middle East & Africa Pyrometers Consumption Growth Rate by Country: 2021 VS 2025 VS 2032
 - 6.6.2 South America, Middle East & Africa Pyrometers Consumption by Country (2021-2032)

- 6.6.3 Brazil
 - 6.6.4 Argentina
 - 6.6.5 Chile
 - 6.6.6 Turkey
 - 6.6.7 GCC Countries
-

7 Segment by Type

- 7.1 Global Pyrometers Production by Type (2021-2032)
 - 7.1.1 Global Pyrometers Production by Type (2021-2032) & (K Units)
 - 7.1.2 Global Pyrometers Production Market Share by Type (2021-2032)
 - 7.2 Global Pyrometers Production Value by Type (2021-2032)
 - 7.2.1 Global Pyrometers Production Value by Type (2021-2032) & (US\$ Million)
 - 7.2.2 Global Pyrometers Production Value Market Share by Type (2021-2032)
 - 7.3 Global Pyrometers Price by Type (2021-2032)
-

8 Segment by Application

- 8.1 Global Pyrometers Production by Application (2021-2032)
 - 8.1.1 Global Pyrometers Production by Application (2021-2032) & (K Units)
 - 8.1.2 Global Pyrometers Production Market Share by Application (2021-2032)
 - 8.2 Global Pyrometers Production Value by Application (2021-2032)
 - 8.2.1 Global Pyrometers Production Value by Application (2021-2032) & (US\$ Million)
 - 8.2.2 Global Pyrometers Production Value Market Share by Application (2021-2032)
 - 8.3 Global Pyrometers Price by Application (2021-2032)
-

9 Value Chain and Sales Channels Analysis of the Market

- 9.1 Pyrometers Value Chain Analysis
 - 9.1.1 Pyrometers Key Raw Materials
 - 9.1.2 Raw Materials Key Suppliers
 - 9.1.3 Pyrometers Production Mode & Process
 - 9.2 Pyrometers Sales Channels Analysis
 - 9.2.1 Direct Comparison with Distribution Share
 - 9.2.2 Pyrometers Distributors
 - 9.2.3 Pyrometers Customers
-

10 Global Pyrometers Analyzing Market Dynamics

- 10.1 Pyrometers Industry Trends
 - 10.2 Pyrometers Industry Drivers
 - 10.3 Pyrometers Industry Opportunities and Challenges
 - 10.4 Pyrometers Industry Restraints
-

11 Report Conclusion

12 Disclaimer

List of Tables and Figures

List of Tables:

- Table 1: Secondary Sources
- Table 2: Primary Sources
- Table 3: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 4: Market Value Comparison by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 5: Global Pyrometers Production by Manufacturers (K Units) & (2021-2026)
- Table 6: Global Pyrometers Production Market Share by Manufacturers
- Table 7: Global Pyrometers Production Value by Manufacturers (US\$ Million) & (2021-2026)
- Table 8: Global Pyrometers Production Value Market Share by Manufacturers (2021-2026)
- Table 9: Global Pyrometers Average Price (USD/Unit) of Manufacturers (2021-2026)
- Table 10: Global Pyrometers Industry Manufacturers Ranking, 2024 VS 2025 VS 2026
- Table 11: Global Pyrometers Key Manufacturers, Manufacturing Sites & Headquarters
- Table 12: Global Pyrometers Manufacturers, Product Type & Application
- Table 13: Global Pyrometers Manufacturers Established Date
- Table 14: Global Manufacturers Market Concentration Ratio (CR5 and HHI)
- Table 15: Global Pyrometers by Manufacturers Type (Tier 1, Tier 2, and Tier 3) & (based on the Production Value of 2025)
- Table 16: Manufacturers Mergers & Acquisitions, Expansion Plans
- Table 17: Fluke(US) Company Information
- Table 18: Fluke(US) Business Overview
- Table 19: Fluke(US) Pyrometers Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 20: Fluke(US) Pyrometers Product Portfolio
- Table 21: Fluke(US) Recent Development
- Table 22: Keller HCW(Germany) Company Information
- Table 23: Keller HCW(Germany) Business Overview
- Table 24: Keller HCW(Germany) Pyrometers Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 25: Keller HCW(Germany) Pyrometers Product Portfolio
- Table 26: Keller HCW(Germany) Recent Development
- Table 27: Optris(Germany) Company Information
- Table 28: Optris(Germany) Business Overview
- Table 29: Optris(Germany) Pyrometers Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 30: Optris(Germany) Pyrometers Product Portfolio
- Table 31: Optris(Germany) Recent Development
- Table 32: FLIR Systems(Extech)(US) Company Information
- Table 33: FLIR Systems(Extech)(US) Business Overview
- Table 34: FLIR Systems(Extech)(US) Pyrometers Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 35: FLIR Systems(Extech)(US) Pyrometers Product Portfolio
- Table 36: FLIR Systems(Extech)(US) Recent Development
- Table 37: Accurate Sensors Technologies(AST) Company Information
- Table 38: Accurate Sensors Technologies(AST) Business Overview
- Table 39: Accurate Sensors Technologies(AST) Pyrometers Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 40: Accurate Sensors Technologies(AST) Pyrometers Product Portfolio
- Table 41: Accurate Sensors Technologies(AST) Recent Development
- Table 42: LumaSense Technologies(US) Company Information
- Table 43: LumaSense Technologies(US) Business Overview
- Table 44: LumaSense Technologies(US) Pyrometers Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 45: LumaSense Technologies(US) Pyrometers Product Portfolio
- Table 46: LumaSense Technologies(US) Recent Development
- Table 47: PCE Instruments(Germany) Company Information
- Table 48: PCE Instruments(Germany) Business Overview
- Table 49: PCE Instruments(Germany) Pyrometers Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)

- Table 50: PCE Instruments(Germany) Pyrometers Product Portfolio
- Table 51: PCE Instruments(Germany) Recent Development
- Table 52: Optron(Germany) Company Information
- Table 53: Optron(Germany) Business Overview
- Table 54: Optron(Germany) Pyrometers Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 55: Optron(Germany) Pyrometers Product Portfolio
- Table 56: Optron(Germany) Recent Development
- Table 57: Calex(UK) Company Information
- Table 58: Calex(UK) Business Overview
- Table 59: Calex(UK) Pyrometers Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 60: Calex(UK) Pyrometers Product Portfolio
- Table 61: Calex(UK) Recent Development
- Table 62: Ametek Land(US) Company Information
- Table 63: Ametek Land(US) Business Overview
- Table 64: Ametek Land(US) Pyrometers Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 65: Ametek Land(US) Pyrometers Product Portfolio
- Table 66: Ametek Land(US) Recent Development
- Table 67: Williamson Corporation(US) Company Information
- Table 68: Williamson Corporation(US) Business Overview
- Table 69: Williamson Corporation(US) Pyrometers Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 70: Williamson Corporation(US) Pyrometers Product Portfolio
- Table 71: Williamson Corporation(US) Recent Development
- Table 72: DIAS Infrared GmbH(Germany) Company Information
- Table 73: DIAS Infrared GmbH(Germany) Business Overview
- Table 74: DIAS Infrared GmbH(Germany) Pyrometers Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 75: DIAS Infrared GmbH(Germany) Pyrometers Product Portfolio
- Table 76: DIAS Infrared GmbH(Germany) Recent Development
- Table 77: Omega Engineering(US) Company Information
- Table 78: Omega Engineering(US) Business Overview
- Table 79: Omega Engineering(US) Pyrometers Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 80: Omega Engineering(US) Pyrometers Product Portfolio
- Table 81: Omega Engineering(US) Recent Development
- Table 82: Sensortherm(Germany) Company Information
- Table 83: Sensortherm(Germany) Business Overview
- Table 84: Sensortherm(Germany) Pyrometers Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 85: Sensortherm(Germany) Pyrometers Product Portfolio
- Table 86: Sensortherm(Germany) Recent Development
- Table 87: Milwaukee Tool(US) Company Information
- Table 88: Milwaukee Tool(US) Business Overview
- Table 89: Milwaukee Tool(US) Pyrometers Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 90: Milwaukee Tool(US) Pyrometers Product Portfolio
- Table 91: Milwaukee Tool(US) Recent Development
- Table 92: Precision Mastech(US) Company Information
- Table 93: Precision Mastech(US) Business Overview
- Table 94: Precision Mastech(US) Pyrometers Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 95: Precision Mastech(US) Pyrometers Product Portfolio
- Table 96: Precision Mastech(US) Recent Development
- Table 97: Chino(Japan) Company Information
- Table 98: Chino(Japan) Business Overview
- Table 99: Chino(Japan) Pyrometers Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 100: Chino(Japan) Pyrometers Product Portfolio
- Table 101: Chino(Japan) Recent Development
- Table 102: Testo(Germany) Company Information
- Table 103: Testo(Germany) Business Overview
- Table 104: Testo(Germany) Pyrometers Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)

- Table 105: Testo(Germany) Pyrometers Product Portfolio
- Table 106: Testo(Germany) Recent Development
- Table 107: Tashika(Japan) Company Information
- Table 108: Tashika(Japan) Business Overview
- Table 109: Tashika(Japan) Pyrometers Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 110: Tashika(Japan) Pyrometers Product Portfolio
- Table 111: Tashika(Japan) Recent Development
- Table 112: Uni-Trend Technology(China) Company Information
- Table 113: Uni-Trend Technology(China) Business Overview
- Table 114: Uni-Trend Technology(China) Pyrometers Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 115: Uni-Trend Technology(China) Pyrometers Product Portfolio
- Table 116: Uni-Trend Technology(China) Recent Development
- Table 117: Smart Sensor(China) Company Information
- Table 118: Smart Sensor(China) Business Overview
- Table 119: Smart Sensor(China) Pyrometers Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 120: Smart Sensor(China) Pyrometers Product Portfolio
- Table 121: Smart Sensor(China) Recent Development
- Table 122: CEM(China) Company Information
- Table 123: CEM(China) Business Overview
- Table 124: CEM(China) Pyrometers Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 125: CEM(China) Pyrometers Product Portfolio
- Table 126: CEM(China) Recent Development
- Table 127: Shenzhen Flus Technology(China) Company Information
- Table 128: Shenzhen Flus Technology(China) Business Overview
- Table 129: Shenzhen Flus Technology(China) Pyrometers Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 130: Shenzhen Flus Technology(China) Pyrometers Product Portfolio
- Table 131: Shenzhen Flus Technology(China) Recent Development
- Table 132: Wuhan Dkoe Company Information
- Table 133: Wuhan Dkoe Business Overview
- Table 134: Wuhan Dkoe Pyrometers Production (K Units), Value (US\$ Million), Price (USD/Unit) and Gross Margin (2021-2026)
- Table 135: Wuhan Dkoe Pyrometers Product Portfolio
- Table 136: Wuhan Dkoe Recent Development
- Table 137: Global Pyrometers Production Comparison by Region: 2021 VS 2025 VS 2032 (K Units)
- Table 138: Global Pyrometers Production by Region (2021-2026) & (K Units)
- Table 139: Global Pyrometers Production Market Share by Region (2021-2026)
- Table 140: Global Pyrometers Production Forecast by Region (2027-2032) & (K Units)
- Table 141: Global Pyrometers Production Market Share Forecast by Region (2027-2032)
- Table 142: Global Pyrometers Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Table 143: Global Pyrometers Production Value by Region (2021-2026) & (US\$ Million)
- Table 144: Global Pyrometers Production Value Market Share by Region (2021-2026)
- Table 145: Global Pyrometers Production Value Forecast by Region (2027-2032) & (US\$ Million)
- Table 146: Global Pyrometers Market Average Price (USD/Unit) by Region (2021-2026)
- Table 147: Global Pyrometers Market Average Price (USD/Unit) by Region (2027-2032)
- Table 148: Global Pyrometers Consumption Comparison by Region: 2021 VS 2025 VS 2032 (K Units)
- Table 149: Global Pyrometers Consumption by Region (2021-2026) & (K Units)
- Table 150: Global Pyrometers Consumption Market Share by Region (2021-2026)
- Table 151: Global Pyrometers Forecasted Consumption by Region (2027-2032) & (K Units)
- Table 152: Global Pyrometers Forecasted Consumption Market Share by Region (2027-2032)
- Table 153: North America Pyrometers Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (K Units)
- Table 154: North America Pyrometers Consumption by Country (2021-2026) & (K Units)
- Table 155: North America Pyrometers Consumption by Country (2027-2032) & (K Units)
- Table 156: Europe Pyrometers Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (K Units)
- Table 157: Europe Pyrometers Consumption by Country (2021-2026) & (K Units)
- Table 158: Europe Pyrometers Consumption by Country (2027-2032) & (K Units)
- Table 159: Asia Pacific Pyrometers Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (K Units)
- Table 160: Asia Pacific Pyrometers Consumption by Country (2021-2026) & (K Units)
- Table 161: Asia Pacific Pyrometers Consumption by Country (2027-2032) & (K Units)
- Table 162: South America, Middle East & Africa Pyrometers Consumption Growth Rate by Country: 2021 VS 2025 VS 2032 (K Units)
- Table 163: South America, Middle East & Africa Pyrometers Consumption by Country (2021-2026) & (K Units)

- Table 164: South America, Middle East & Africa Pyrometers Consumption by Country (2027-2032) & (K Units)
- Table 165: Global Pyrometers Production by Type (2021-2026) & (K Units)
- Table 166: Global Pyrometers Production by Type (2027-2032) & (K Units)
- Table 167: Global Pyrometers Production Market Share by Type (2021-2026)
- Table 168: Global Pyrometers Production Market Share by Type (2027-2032)
- Table 169: Global Pyrometers Production Value by Type (2021-2026) & (US\$ Million)
- Table 170: Global Pyrometers Production Value by Type (2027-2032) & (US\$ Million)
- Table 171: Global Pyrometers Production Value Market Share by Type (2021-2026)
- Table 172: Global Pyrometers Production Value Market Share by Type (2027-2032)
- Table 173: Global Pyrometers Price by Type (2021-2026) & (USD/Unit)
- Table 174: Global Pyrometers Price by Type (2027-2032) & (USD/Unit)
- Table 175: Global Pyrometers Production by Application (2021-2026) & (K Units)
- Table 176: Global Pyrometers Production by Application (2027-2032) & (K Units)
- Table 177: Global Pyrometers Production Market Share by Application (2021-2026)
- Table 178: Global Pyrometers Production Market Share by Application (2027-2032)
- Table 179: Global Pyrometers Production Value by Application (2021-2026) & (US\$ Million)
- Table 180: Global Pyrometers Production Value by Application (2027-2032) & (US\$ Million)
- Table 181: Global Pyrometers Production Value Market Share by Application (2021-2026)
- Table 182: Global Pyrometers Production Value Market Share by Application (2027-2032)
- Table 183: Global Pyrometers Price by Application (2021-2026) & (USD/Unit)
- Table 184: Global Pyrometers Price by Application (2027-2032) & (USD/Unit)
- Table 185: Key Raw Materials
- Table 186: Raw Materials Key Suppliers
- Table 187: Pyrometers Distributors List
- Table 188: Pyrometers Customers List
- Table 189: Pyrometers Industry Trends
- Table 190: Pyrometers Industry Drivers
- Table 191: Pyrometers Industry Restraints
- Table 192: Authors List of This Report

List of Figures:

- Figure 1: Research Methodology
- Figure 2: Research Process
- Figure 3: Key Executives Interviewed
- Figure 4: Pyrometers Product Image
- Figure 5: Market Value Comparison by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Figure 6: Stationary Pyrometers Product Image
- Figure 7: Portable Pyrometers Product Image
- Figure 8: Metal/Metallurgy/Foundries Product Image
- Figure 9: Glass Industry Product Image
- Figure 10: Cement Industry Product Image
- Figure 11: Ceramic and Chemical Product Image
- Figure 12: HVAC Product Image
- Figure 13: Food & Medical Product Image
- Figure 14: Other Product Image
- Figure 15: Global Pyrometers Production Value (US\$ Million), 2021 VS 2025 VS 2032
- Figure 16: Global Pyrometers Production Value (2021-2032) & (US\$ Million)
- Figure 17: Global Pyrometers Production Capacity (2021-2032) & (K Units)
- Figure 18: Global Pyrometers Production (2021-2032) & (K Units)
- Figure 19: Global Pyrometers Average Price (USD/Unit) & (2021-2032)
- Figure 20: Global Pyrometers Key Manufacturers, Manufacturing Sites & Headquarters
- Figure 21: Global Top 5 and 10 Pyrometers Players Market Share by Production Value in 2025
- Figure 22: Manufacturers Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 23: Global Pyrometers Production Comparison by Region: 2021 VS 2025 VS 2032 (K Units)
- Figure 24: Global Pyrometers Production Market Share by Region: 2021 VS 2025 VS 2032
- Figure 25: Global Pyrometers Production Value Comparison by Region: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 26: Global Pyrometers Production Value Market Share by Region: 2021 VS 2025 VS 2032
- Figure 27: North America Pyrometers Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 28: Europe Pyrometers Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 29: China Pyrometers Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 30: Japan Pyrometers Production Value (US\$ Million) Growth Rate (2021-2032)
- Figure 31: Global Pyrometers Consumption Comparison by Region: 2021 VS 2025 VS 2032 (K Units)
- Figure 32: Global Pyrometers Consumption Market Share by Region: 2021 VS 2025 VS 2032

- Figure 33: North America Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 34: North America Pyrometers Consumption Market Share by Country (2021-2032)
- Figure 35: United States Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 36: United States Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 37: Canada Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 38: Mexico Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 39: Europe Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 40: Europe Pyrometers Consumption Market Share by Country (2021-2032)
- Figure 41: Germany Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 42: France Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 43: U.K. Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 44: Italy Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 45: Russia Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 46: Spain Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 47: Netherlands Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 48: Switzerland Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 49: Sweden Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 50: Poland Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 51: Asia Pacific Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 52: Asia Pacific Pyrometers Consumption Market Share by Country (2021-2032)
- Figure 53: China Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 54: Japan Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 55: South Korea Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 56: India Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 57: Australia Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 58: Taiwan Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 59: Southeast Asia Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 60: South America, Middle East & Africa Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 61: South America, Middle East & Africa Pyrometers Consumption Market Share by Country (2021-2032)
- Figure 62: Brazil Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 63: Argentina Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 64: Chile Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 65: Turkey Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 66: GCC Countries Pyrometers Consumption and Growth Rate (2021-2032) & (K Units)
- Figure 67: Global Pyrometers Production Market Share by Type (2021-2032)
- Figure 68: Global Pyrometers Production Value Market Share by Type (2021-2032)
- Figure 69: Global Pyrometers Price (USD/Unit) by Type (2021-2032)
- Figure 70: Global Pyrometers Production Market Share by Application (2021-2032)
- Figure 71: Global Pyrometers Production Value Market Share by Application (2021-2032)
- Figure 72: Global Pyrometers Price (USD/Unit) by Application (2021-2032)
- Figure 73: Pyrometers Value Chain
- Figure 74: Pyrometers Production Mode & Process
- Figure 75: Direct Comparison with Distribution Share
- Figure 76: Distributors Profiles
- Figure 77: Pyrometers Industry Opportunities and Challenges