

# Pyrometers – A Global Market Overview

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## Abstracts

### REPORT SYNOPSIS

The market for Pyrometers that are widely used for sensing and monitoring extremely high temperatures remotely, also underwent a decline between 2019 and 2020 due to lack of demand. The primary sectors where these devices are used include the Ceramics, Glass and Metal Processing industries, which slowed or closed operations in several regions. Apart from Asia-Pacific, all the other major regions posted declines during the pandemic period, with recovery being possible only towards the middle of 2021 as the effect of the virus was able to be controlled with newly developed vaccines.

Over the coming years, it is expected that the market for Pyrometers would continue to maintain a healthy growth in tune with growth in the industries where these devices are mainly used. Other innovative applications and product novelties would also play crucial roles in propelling demand for Pyrometers.

By application vertical, Metal Processing is projected to reach US\$337.1 million by 2027 to be the largest end-use market while Glass sector is anticipated to record the fastest growth between 2021 and 2027. Overall market for Pyrometers in 2022 is expected to reach US\$602.3 million.

### Research Findings & Coverage

The market for Pyrometers, globally, analyzed in this report with respect to product type, technology, wavelength and application vertical

Market size of Surfactants is estimated in this report by product types, technologies, wavelengths and verticals across all major countries

Pyrometer for Measuring True Temperature Field of the Two-Dimensional Array Developed

Three-Wavelength CCD Image Pyrometers Developed for Temperature Field Measurements of Continuous Casting Billets

Aerospace Industry Adopting Two-Color Pyrometers in Measuring Process Temperatures

MOCVD Process for microLEDs Enhanced Using Innovative Short-Wavelength Pyrometer

Key business trends focusing on product innovations/developments, M&As, JVs and other recent industry developments

Major companies profiled – 30

The industry guide includes the contact details for 70 companies

## **PRODUCT OUTLINE**

The market for key product type of Pyrometers studied in this report comprise the following:

Handheld Pyrometers

Stationary Pyrometers

Pyrometers' market studied in this report by key technologies including:

Infrared/Radiation Pyrometers

Optical Pyrometers

The study analyzes the Pyrometers' market by wavelength in this report includes:

Multi-Wavelength Pyrometers

Single Wavelength Pyrometers

The report explores the market for the following major application verticals of Pyrometers:

Ceramics

Glass

Metal Processing

Analysis Period, Units and Growth Rates

This report reviews, analyzes and projects the global Pyrometers market for the period 2018-2027 in terms of market value in US\$ and the compound annual growth rates (CAGRs) projected from 2021 through 2027 with a special focus on Covid-19 pandemic impact and provides y-o-y analysis for 2019 and 2020.

Geographic Coverage

North America (The United States, Canada and Mexico)

Europe (France, Germany, Italy, the United Kingdom and Rest of Europe)

Asia-Pacific (China, India, Japan and Rest of Asia-Pacific)

Rest of World

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Accurate Sensors Technologies Ltd. (Israel)

Advanced Energy Industries, Inc. (United States)

AMETEK, Inc. (United States)

AMETEK Land (United Kingdom)

AOIP SAS (France)

BARTEC Top Holding GmbH (Germany)

Calex Electronics Limited (United Kingdom)

CHINO Corporation (Japan)

CHINO Corporation India Private Limited (India)  
Fluke Corporation (United States)  
Fluke Process Instruments GmbH (Germany)  
Keller HCW GmbH (Germany)  
Micro-Epsilon Messtechnik (Germany)  
Omega Engineering, Inc. (United States)  
OPTEX FA Co Ltd (Japan)  
OPTRIS GmbH (Germany)  
OPTRON GmbH (Germany)  
PCE Instruments UK Ltd (United Kingdom)  
Proxitron GmbH (Germany)  
Pyromation, Inc. (United States)  
Pyrometer Instrument Company, Inc (United States)  
Tempens Instruments (I) Pvt. Ltd. (India)

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VIRALERT 3 Body Temperature Screening System Installed at Westfield Health Workplaces  
Optris Launches New High Speed Pyrometer CTlaser 4M  
AMETEK Land's New Infrared Non-Contact Temperature Measurement Solutions Now Available in US  
Omega Launches HANI Clamp-On Temperature Sensor  
AST Offers Pyrometers for Non Contact Temperature Measurement in Kiln and Clinker Cooler  
AMETEK Land and SPECTRO Hispania Form Distribution Pact  
DIAS Infrared Launches New PYROSPOT Series 47 Pyrometer  
DIAS Infrared Introduces PYROSPOT Series 10 Digital Pyrometers  
Optris Launches New High Speed Pyrometer CT 4M  
AST Swift Series Pyrometers for Industrial and R&D Environments  
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EMA Installs VIRALERT 3 Temperature Measurement System in UK  
VIRALERT 3 Temperature Measurement System Installed in Mosborough Health Center  
AMETEK Land and Poole Harbour Commission Partner to Install VIRALERT 3 Temperature Screening System

AMETEK Land Launches New F and F Mg Modes of SPOT AL EQS Pyrometer  
Optris Launches New Infrared Video Pyrometer CSvideo 3M  
DIAS Infrared Introduces New PYROSPOT Series 55 Digital Compact Pyrometer for Industrial Use  
VIRALERT 3 Human Body Temperature Screening System Installed at Hallamshire Sports Club  
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DIAS Infrared Expands its PYROSPOT Pyrometer Series  
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Impac Pyrometer Portfolio for Precise Temperature Measurement for Industrial Processes  
Micro-Epsilon Launches New thermoMETER CTRatio Glass Fiber Quotient Pyrometer  
Launch of Portable Glass Mould Thermometer+ by TempSENS  
AMETEK Land SPOT Pyrometer's Enhancements Offer Additional Input and Output Functionality  
Optris Develops New Ratio Pyrometer to Measure Temperatures of Metal Surfaces  
Launch of AMETEK Land's Auto Pour Pyrometer  
Launch of Thermalert 4.0 spot pyrometers by Fluke Process Instruments  
Launch of OMEGA's SP-001 Infrared Smart Probe  
Optris Introduces CTlaser G7 Infrared Thermometer to Measure Surface Temperatures of Glass  
Optris Launches New IRmobile App for Android  
AMETEK Land Develops New SPOT GS Pyrometer  
DIAS Infrared is Now Expanding its Range of PYROSPOT Pyrometers  
Launch of Omega's New Series of USB Infrared Pyrometers  
AMETEK Land's New, Advanced Non-Contact Infrared Spot Pyrometer, SPOT GS Launched  
AMETEK Land's SPOT AL EQS Pyrometer and SPOT Actuator Used by Hydro Extrusions Hungary  
Launch of AMETEK Land's Enhanced SPOT Infrared Pyrometer Software Packages  
Launch of DIAS Infrared's PYROSPOT DGEF 11N Pyrometer with Y-Fiber Cable and Laser Target Light  
New PYROSPOT Series 25 Pyrometer with Parameterization Interface Launched by DIAS Infrared  
Launch of AMETEK Land's New SPOT GS Pyrometer at AISTech 2019  
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AMETEK Inc. (United States)

CI Semi (United States)

Cress Manufacturing Company, Inc. (United States)

Fluke Corporation (United States)

Omega Engineering, Inc. (United States)  
Palmer Wahl Instrumentation Group (United States)  
Process Sensors Corporation (United States)  
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AOIP SAS (France)  
BARTEC Top Holding GmbH (Germany)  
Calex Electronics Limited (United Kingdom)  
DIAS Infrared GmbH (Germany)  
Fluke Process Instruments GmbH (Germany)  
Keller HCW GmbH (Germany)  
Micro-Epsilon Messtechnik (Germany)



OPTRIS GmbH (Germany)

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