

# Global Sun Photometers Supply, Demand and Key Producers, 2026-2032

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## Abstracts

The global Sun Photometers market size is expected to reach \$ 201 million by 2032, rising at a market growth of 6.2% CAGR during the forecast period (2026-2032).

In 2025, global Sun Photometers production reached approximately 0.12 million units, with an average global market price of around US\$ 1000 per unit. Annual production capacity is 0.2 million units. Gross Profit Margin: 34%. A Sun Photometer is an optical instrument designed to measure the intensity of sunlight at specific wavelengths as it passes through the atmosphere. The sun photometer industry chain begins with upstream suppliers providing optical components, sensors, electronics, and materials such as lenses, photodiodes, and precision plastics or metals. Midstream manufacturers assemble these components into sun photometers, spectroradiometers, or light meters, incorporating calibration, software, and quality testing. Downstream, the products are distributed through scientific equipment distributors, research institutions, environmental agencies, universities, and e-commerce platforms, ultimately serving climate researchers, atmospheric scientists, and solar energy professionals. Sun photometers are indispensable tools for atmospheric and climate research, offering a cost-effective way to measure sunlight and aerosols with high precision.

This report studies the global Sun Photometers production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Sun Photometers and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Sun Photometers that contribute to its increasing demand across many markets.

## Highlights and key features of the study

Global Sun Photometers total production and demand, 2021-2032, (K Units)  
Global Sun Photometers total production value, 2021-2032, (USD Million)  
Global Sun Photometers production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)  
Global Sun Photometers consumption by region & country, CAGR, 2021-2032 & (K Units)  
U.S. VS China: Sun Photometers domestic production, consumption, key domestic manufacturers and share  
Global Sun Photometers production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)  
Global Sun Photometers production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)  
Global Sun Photometers production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Sun Photometers market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Solar Light Company, LLC (Private, USA), CIMEL Electronique (Private, France), Hanna Instruments (Private, USA), Milwaukee Instruments (Private, USA), Lisun Electronics Inc. (Private, China), Instrument Systems Optische Messtechnik GmbH (Private, Germany), LMT Lichtmesstechnik GmbH (Private, Germany), TSI Inc. (NASDAQ: TSRI, USA), Teledyne Advanced Pollution Instrumentation (Private, USA), Konica Minolta Sensing Inc. (TYO: 4902, Japan), etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Sun Photometers market

## Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the

forecast year.

#### Global Sun Photometers Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Sun Photometers Market, Segmentation by Type:

Handheld / Portable Units

Stationary / Fixed Installation Units

#### Global Sun Photometers Market, Segmentation by Measurement Parameter:

Aerosol Optical Depth (AOD) Measurement

Water Vapor Content Measurement

Solar Irradiance Measurement

Atmospheric Clarity / Air Quality Measurement

## Global Sun Photometers Market, Segmentation by Application:

Environmental Monitoring Agencies

Meteorological Departments

Solar Power Companies & Renewable Energy Firms

## Companies Profiled:

Solar Light Company, LLC (Private, USA)

CIMEL Electronique (Private, France)

Hanna Instruments (Private, USA)

Milwaukee Instruments (Private, USA)

Lisun Electronics Inc. (Private, China)

Instrument Systems Optische Messtechnik GmbH (Private, Germany)

LMT Lichtmesstechnik GmbH (Private, Germany)

TSI Inc. (NASDAQ: TSRI, USA)

Teledyne Advanced Pollution Instrumentation (Private, USA)

Konica Minolta Sensing Inc. (TYO: 4902, Japan)

RayClouds Photoelectric Technology Co., Ltd (Private, China)

Bestone Industrial Ltd. (Private, China)

## Key Questions Answered:

1. How big is the global Sun Photometers market?
2. What is the demand of the global Sun Photometers market?

3. What is the year over year growth of the global Sun Photometers market?
4. What is the production and production value of the global Sun Photometers market?
5. Who are the key producers in the global Sun Photometers market?
6. What are the growth factors driving the market demand?

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