

# Solar Simulator Market - Forecasts From 2018 to 2023

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## Abstracts

The Solar Simulator market is projected to grow at a CAGR of 7.22% to reach US\$8.891 billion by 2023, from US\$5.851 billion in 2017. The solar simulator market will show growth with the rise in the investment in the research and development of solar cells, ultraviolet resistive cosmetics and paints, medical treatments, and many other fields, as Solar Simulators provide a more affordable option than the traditional testing and research methods. However, the market will see restraints due to the lack of technological knowledge and high setup and running cost. The North American market comprises a significant share in the market due to the easier availability of technology and its early adoption. With the rising trend in automotive, manufacturing and medical industries in the Asia Pacific region, it will see some growth opportunities in the solar simulator market.

This research study examines the current market trends related to the demand, supply, and sales, in addition to the recent developments. Major drivers, restraints, and opportunities have been covered to provide an exhaustive picture of the market. The analysis presents in-depth information regarding the development, trends, and industry policies and regulations implemented in each of the geographical regions. Further, the overall regulatory framework of the market has been exhaustively covered to offer stakeholders a better understanding of the key factors affecting the overall market environment.

Identification of key industry players in the industry and their revenue contribution to the overall business or relevant segment aligned to the study have been covered as a part of competitive intelligence done through extensive secondary research. Various studies and data published by industry associations, analyst reports, investor presentations, press releases and journals among others have been taken into consideration while conducting the secondary research. Both bottom-up and top-down approaches have been utilized to determine the market size of the overall market and key segments. The

values obtained are correlated with the primary inputs of the key stakeholders in the solar simulator value chain. The last step involves complete market engineering which includes analyzing the data from different sources and existing proprietary datasets while using various data triangulation methods for market breakdown and forecasting.

Market intelligence is presented in the form of analysis, charts, and graphics to help the clients in gaining faster and efficient understanding of the Solar Simulator market.

Major industry players profiled as part of the report are Newport Corporation, Spire Solar, LLC, Solar Light Company, Abet Technologies, Inc., Sciencetech, Inc., among others.

## Segmentation

The Solar Simulator market has been analyzed through following segments:

### By Type

Pulse Simulator

Flash Simulator

Continuous Simulator

### By Light Source

Quartz Tungsten Halogen Lamps (QHT)

Metal Halide Arc Lamps (HMI)

Light Emitting Diodes (LED)

Xenon Arc Lamps

Others

### By Application

Medical Research

Solar Cell Testing and Research

Artificial Environment Testing

Others

### By Geography

North America

USA

Canada

Mexico

Others

South America

Brazil

Argentina  
Others  
Europe  
Germany  
France  
United Kingdom  
Spain  
Others  
Middle East and Africa  
Saudi Arabia  
Israel  
Others  
Asia Pacific  
China  
Japan  
South Korea  
India  
Others

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