

Asia Pacific Physical Vapor Deposition (PVD) Market (2019-2025)

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Abstracts

The Asia Pacific Physical Vapor Deposition Market would witness market growth of 7.31% CAGR during the forecast period (2019-2025).

Asia Pacific is expected to provide interesting opportunities for the PVD equipment market due to increased R&D investment by wafer and photovoltaic cell manufacturers in the low-cost maintenance cycle. Manufacturers of medical equipment are set to benefit from the EU-Singapore Free Trade Agreement (EUSFTA). The agreement is projected to improve market access to the region. The region is home to around 60 percent of the world's population and provides a massive market potential studied due to the presence of an aging population and rising expenditure on healthcare.

Technological advancements are a significant growth factor for the PVD industry. The increasing need for highly sophisticated surface-related properties such as super-plasticity, magnetic, optical, electronic and catalytic properties, advanced mono-structured coatings also contributes to the growth of this market. The rising performance and environmental benefits provided by these coatings are combined with the fast-growing manufacturing sector in developing markets.

PVD coating offers a number of benefits to medical devices including chemical protection, decreased friction, sterilization, biocompatibility, saline solution, and increased wear resistance. In addition to all these uses, PVD coating is also used in the solar panel industry to generate greener energy and reduce friction for high-performance moving parts in the aerospace and automotive industries. There are, however, other factors that impede the growth of the market, including high capital spending and the need for skilled labor.

The PVD market is driven primarily by increasing demand for reliable and durable coatings in medical equipment, especially from developing economies. As a result, the application category of medical devices is projected to have a strong growth potential over the estimated time period.

Based on Application, the market is segmented into Cutting Tools, Medical Equipment, Solar Products, Data Storage, Microelectronics and Other Applications. Based on Category, the market is segmented into PVD Materials, PVD Equipment and PVD Services. Based on countries, the market is segmented into China, Japan, India, South Korea, Singapore, Malaysia, and Rest of Asia Pacific.

The market research report covers the analysis of key stake holders of the market. Key companies profiled in the report include Applied Materials, Inc., Lam Research Corporation (Novellus Systems), Intevac, Inc., Advanced Energy Industries, Inc., Kurt J. Lesker Company, AJA International, Inc., Angstrom Engineering, Inc., CHA Industries, Inc., Denton Vacuum LLC, and PVD Products, Inc.

SCOPE OF THE STUDY

Market Segmentation:

By Application

Cutting Tools

Medical Equipment

Solar Products

Data Storage

Microelectronics

Other Applications

By Category

PVD Materials

PVD Equipment

PVD Services

By Country

China

Japan

India

South Korea

Singapore

Malaysia

Rest of Asia Pacific

Companies Profiled

Applied Materials, Inc.

Lam Research Corporation (Novellus Systems)

Intevac, Inc.

Advanced Energy Industries, Inc.

Kurt J. Lesker Company

AJA International, Inc.

Angstrom Engineering, Inc.

CHA Industries, Inc.

Denton Vacuum LLC

PVD Products, Inc.

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