

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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Contents

CHAPTER 1. MARKET SCOPE & METHODOLOGY

- 1.1 Market Definition
- 1.2 Objectives
- 1.3 Market Scope
- 1.4 Segmentation
 - 1.4.1 Asia Pacific Physical Vapor Deposition (PVD) Market, by Application
 - 1.4.2 Asia Pacific Physical Vapor Deposition (PVD) Market, by Category
 - 1.4.3 Asia Pacific Physical Vapor Deposition (PVD) Market, by Country
- 1.5 Methodology for the research

CHAPTER 2. MARKET OVERVIEW

- 2.1 Introduction
 - 2.1.1 Overview
 - 2.1.2 Market Composition and Scenario
- 2.2 Key Factors Impacting the Market
 - 2.2.1 Market Drivers
 - 2.2.2 Market Restraints

CHAPTER 3. MARKET ANALYSIS

- 3.1 KBV Cardinal Matrix
- 3.2 Recent Industry Wide Strategic Developments
 - 3.2.1 Partnerships, Collaborations and Agreements
 - 3.2.2 Product Launches and Product Expansions
 - 3.2.3 Geographical Expansions
 - 3.2.4 Mergers & Acquisitions
- 3.3 Top Winning Strategies
 - 3.3.1 Key Leading Strategies: Percentage Distribution (2015-2019)
 - 3.3.2 Key Strategic Move: (Partnerships, Collaborations, and Agreements: 2020-Jan – 2017-Sep) Leading Players

CHAPTER 4. ASIA PACIFIC PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY APPLICATION

- 4.1 Asia Pacific Cutting Tools Market by Country

- 4.2 Asia Pacific Medical Equipment Market by Country
- 4.3 Asia Pacific Solar Products Market by Country
- 4.4 Asia Pacific Data Storage Market by Country
- 4.5 Asia Pacific Microelectronics Market by Country
- 4.6 Asia Pacific Other Applications Market by Country

CHAPTER 5. ASIA PACIFIC PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY CATEGORY

- 5.1 Asia Pacific PVD Materials Market by Country
- 5.2 Asia Pacific PVD Equipment Market by Country
- 5.3 Asia Pacific PVD Services Market by Country

CHAPTER 6. ASIA PACIFIC PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY COUNTRY

- 6.1 China Physical Vapor Deposition (PVD) Market
 - 6.1.1 China Physical Vapor Deposition (PVD) Market by Application
 - 6.1.2 China Physical Vapor Deposition (PVD) Market by Category
- 6.2 Japan Physical Vapor Deposition (PVD) Market
 - 6.2.1 Japan Physical Vapor Deposition (PVD) Market by Application
 - 6.2.2 Japan Physical Vapor Deposition (PVD) Market by Category
- 6.3 India Physical Vapor Deposition (PVD) Market
 - 6.3.1 India Physical Vapor Deposition (PVD) Market by Application
 - 6.3.2 India Physical Vapor Deposition (PVD) Market by Category
- 6.4 South Korea Physical Vapor Deposition (PVD) Market
 - 6.4.1 South Korea Physical Vapor Deposition (PVD) Market by Application
 - 6.4.2 South Korea Physical Vapor Deposition (PVD) Market by Category
- 6.5 Singapore Physical Vapor Deposition (PVD) Market
 - 6.5.1 Singapore Physical Vapor Deposition (PVD) Market by Application
 - 6.5.2 Singapore Physical Vapor Deposition (PVD) Market by Category
- 6.6 Malaysia Physical Vapor Deposition (PVD) Market
 - 6.6.1 Malaysia Physical Vapor Deposition (PVD) Market by Application
 - 6.6.2 Malaysia Physical Vapor Deposition (PVD) Market by Category
- 6.7 Rest of Asia Pacific Physical Vapor Deposition (PVD) Market
 - 6.7.1 Rest of Asia Pacific Physical Vapor Deposition (PVD) Market by Application
 - 6.7.2 Rest of Asia Pacific Physical Vapor Deposition (PVD) Market by Category

CHAPTER 7. COMPANY PROFILES

7.1 Applied Materials, Inc.

7.1.1 Company Overview

7.1.2 Financial Analysis

7.1.3 Segmental and Regional Analysis

7.1.4 Research & Development Expense

7.1.5 Recent strategies and developments:

7.1.5.1 Partnerships, Collaborations, and Agreements:

7.1.5.2 Acquisition and Mergers:

7.1.5.3 Product Launches and Product Expansions:

7.2 Lam Research Corporation (Novellus Systems)

7.2.1 Company Overview

7.2.2 Financial Analysis

7.2.3 Regional Analysis

7.2.4 Research & Development Expense

7.3 Intevac, Inc.

7.3.1 Company Overview

7.3.2 Financial Analysis

7.3.3 Segmental and Regional Analysis

7.3.4 Research & Development Expense

7.3.5 Recent strategies and developments:

7.3.5.1 Partnerships, Collaborations, and Agreements:

7.4 Advanced Energy Industries, Inc.

7.4.1 Company Overview

7.4.2 Financial Analysis

7.4.3 Regional Analysis

7.4.4 Research & Development Expense

7.4.5 Recent strategies and developments:

7.4.5.1 Acquisition and Mergers:

7.4.5.2 Geographical Expansions:

7.5 Kurt J. Lesker Company

7.5.1 Company Overview

7.5.2 Recent strategies and developments:

7.5.2.1 Partnerships, Collaborations, and Agreements:

7.5.2.2 Product Launches and Product Expansions:

7.6 AJA International, Inc.

7.6.1 Company Overview

7.7 Angstrom Engineering, Inc.

7.7.1 Company Overview

7.8 CHA Industries, Inc.

7.8.1 Company Overview

7.9 Denton Vacuum LLC

7.9.1 Company Overview

7.9.2 Recent strategies and developments:

7.9.2.1 Partnerships, Collaborations, and Agreements:

7.1 PVD Products, Inc.

7.10.1 Company Overview

List Of Tables

LIST OF TABLES

TABLE 1 ASIA PACIFIC PHYSICAL VAPOR DEPOSITION (PVD) MARKET, 2015 - 2018, USD MILLION

TABLE 2 ASIA PACIFIC PHYSICAL VAPOR DEPOSITION (PVD) MARKET, 2019 - 2025, USD MILLION

TABLE 3 PARTNERSHIPS, COLLABORATIONS AND AGREEMENTS– PHYSICAL VAPOR DEPOSITION (PVD) MARKET

TABLE 4 PRODUCT LAUNCHES AND PRODUCT EXPANSIONS– PHYSICAL VAPOR DEPOSITION (PVD) MARKET

TABLE 5 GEOGRAPHICAL EXPANSIONS– PHYSICAL VAPOR DEPOSITION (PVD) MARKET

TABLE 6 MERGERS & ACQUISITIONS – PHYSICAL VAPOR DEPOSITION (PVD) MARKET

TABLE 7 ASIA PACIFIC PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY APPLICATION, 2015 - 2018, USD MILLION

TABLE 8 ASIA PACIFIC PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY APPLICATION, 2019 - 2025, USD MILLION

TABLE 9 ASIA PACIFIC CUTTING TOOLS MARKET BY COUNTRY, 2015 - 2018, USD MILLION

TABLE 10 ASIA PACIFIC CUTTING TOOLS MARKET BY COUNTRY, 2019 - 2025, USD MILLION

TABLE 11 ASIA PACIFIC MEDICAL EQUIPMENT MARKET BY COUNTRY, 2015 - 2018, USD MILLION

TABLE 12 ASIA PACIFIC MEDICAL EQUIPMENT MARKET BY COUNTRY, 2019 - 2025, USD MILLION

TABLE 13 ASIA PACIFIC SOLAR PRODUCTS MARKET BY COUNTRY, 2015 - 2018, USD MILLION

TABLE 14 ASIA PACIFIC SOLAR PRODUCTS MARKET BY COUNTRY, 2019 - 2025, USD MILLION

TABLE 15 ASIA PACIFIC DATA STORAGE MARKET BY COUNTRY, 2015 - 2018, USD MILLION

TABLE 16 ASIA PACIFIC DATA STORAGE MARKET BY COUNTRY, 2019 - 2025, USD MILLION

TABLE 17 ASIA PACIFIC MICROELECTRONICS MARKET BY COUNTRY, 2015 - 2018, USD MILLION

TABLE 18 ASIA PACIFIC MICROELECTRONICS MARKET BY COUNTRY, 2019 -

2025, USD MILLION

TABLE 19 ASIA PACIFIC OTHER APPLICATIONS MARKET BY COUNTRY, 2015 - 2018, USD MILLION

TABLE 20 ASIA PACIFIC OTHER APPLICATIONS MARKET BY COUNTRY, 2019 - 2025, USD MILLION

TABLE 21 ASIA PACIFIC PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY CATEGORY, 2015 - 2018, USD MILLION

TABLE 22 ASIA PACIFIC PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY CATEGORY, 2019 - 2025, USD MILLION

TABLE 23 ASIA PACIFIC PVD MATERIALS MARKET BY COUNTRY, 2015 - 2018, USD MILLION

TABLE 24 ASIA PACIFIC PVD MATERIALS MARKET BY COUNTRY, 2019 - 2025, USD MILLION

TABLE 25 ASIA PACIFIC PVD EQUIPMENT MARKET BY COUNTRY, 2015 - 2018, USD MILLION

TABLE 26 ASIA PACIFIC PVD EQUIPMENT MARKET BY COUNTRY, 2019 - 2025, USD MILLION

TABLE 27 ASIA PACIFIC PVD SERVICES MARKET BY COUNTRY, 2015 - 2018, USD MILLION

TABLE 28 ASIA PACIFIC PVD SERVICES MARKET BY COUNTRY, 2019 - 2025, USD MILLION

TABLE 29 ASIA PACIFIC PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY COUNTRY, 2015 - 2018, USD MILLION

TABLE 30 ASIA PACIFIC PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY COUNTRY, 2019 - 2025, USD MILLION

TABLE 31 CHINA PHYSICAL VAPOR DEPOSITION (PVD) MARKET, 2015 - 2018, USD MILLION

TABLE 32 CHINA PHYSICAL VAPOR DEPOSITION (PVD) MARKET, 2019 - 2025, USD MILLION

TABLE 33 CHINA PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY APPLICATION, 2015 - 2018, USD MILLION

TABLE 34 CHINA PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY APPLICATION, 2019 - 2025, USD MILLION

TABLE 35 CHINA PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY CATEGORY, 2015 - 2018, USD MILLION

TABLE 36 CHINA PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY CATEGORY, 2019 - 2025, USD MILLION

TABLE 37 JAPAN PHYSICAL VAPOR DEPOSITION (PVD) MARKET, 2015 - 2018, USD MILLION

TABLE 38 JAPAN PHYSICAL VAPOR DEPOSITION (PVD) MARKET, 2019 - 2025, USD MILLION

TABLE 39 JAPAN PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY APPLICATION, 2015 - 2018, USD MILLION

TABLE 40 JAPAN PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY APPLICATION, 2019 - 2025, USD MILLION

TABLE 41 JAPAN PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY CATEGORY, 2015 - 2018, USD MILLION

TABLE 42 JAPAN PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY CATEGORY, 2019 - 2025, USD MILLION

TABLE 43 INDIA PHYSICAL VAPOR DEPOSITION (PVD) MARKET, 2015 - 2018, USD MILLION

TABLE 44 INDIA PHYSICAL VAPOR DEPOSITION (PVD) MARKET, 2019 - 2025, USD MILLION

TABLE 45 INDIA PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY APPLICATION, 2015 - 2018, USD MILLION

TABLE 46 INDIA PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY APPLICATION, 2019 - 2025, USD MILLION

TABLE 47 INDIA PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY CATEGORY, 2015 - 2018, USD MILLION

TABLE 48 INDIA PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY CATEGORY, 2019 - 2025, USD MILLION

TABLE 49 SOUTH KOREA PHYSICAL VAPOR DEPOSITION (PVD) MARKET, 2015 - 2018, USD MILLION

TABLE 50 SOUTH KOREA PHYSICAL VAPOR DEPOSITION (PVD) MARKET, 2019 - 2025, USD MILLION

TABLE 51 SOUTH KOREA PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY APPLICATION, 2015 - 2018, USD MILLION

TABLE 52 SOUTH KOREA PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY APPLICATION, 2019 - 2025, USD MILLION

TABLE 53 SOUTH KOREA PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY CATEGORY, 2015 - 2018, USD MILLION

TABLE 54 SOUTH KOREA PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY CATEGORY, 2019 - 2025, USD MILLION

TABLE 55 SINGAPORE PHYSICAL VAPOR DEPOSITION (PVD) MARKET, 2015 - 2018, USD MILLION

TABLE 56 SINGAPORE PHYSICAL VAPOR DEPOSITION (PVD) MARKET, 2019 - 2025, USD MILLION

TABLE 57 SINGAPORE PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY

APPLICATION, 2015 - 2018, USD MILLION

TABLE 58 SINGAPORE PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY APPLICATION, 2019 - 2025, USD MILLION

TABLE 59 SINGAPORE PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY CATEGORY, 2015 - 2018, USD MILLION

TABLE 60 SINGAPORE PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY CATEGORY, 2019 - 2025, USD MILLION

TABLE 61 MALAYSIA PHYSICAL VAPOR DEPOSITION (PVD) MARKET, 2015 - 2018, USD MILLION

TABLE 62 MALAYSIA PHYSICAL VAPOR DEPOSITION (PVD) MARKET, 2019 - 2025, USD MILLION

TABLE 63 MALAYSIA PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY APPLICATION, 2015 - 2018, USD MILLION

TABLE 64 MALAYSIA PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY APPLICATION, 2019 - 2025, USD MILLION

TABLE 65 MALAYSIA PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY CATEGORY, 2015 - 2018, USD MILLION

TABLE 66 MALAYSIA PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY CATEGORY, 2019 - 2025, USD MILLION

TABLE 67 REST OF ASIA PACIFIC PHYSICAL VAPOR DEPOSITION (PVD) MARKET, 2015 - 2018, USD MILLION

TABLE 68 REST OF ASIA PACIFIC PHYSICAL VAPOR DEPOSITION (PVD) MARKET, 2019 - 2025, USD MILLION

TABLE 69 REST OF ASIA PACIFIC PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY APPLICATION, 2015 - 2018, USD MILLION

TABLE 70 REST OF ASIA PACIFIC PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY APPLICATION, 2019 - 2025, USD MILLION

TABLE 71 REST OF ASIA PACIFIC PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY CATEGORY, 2015 - 2018, USD MILLION

TABLE 72 REST OF ASIA PACIFIC PHYSICAL VAPOR DEPOSITION (PVD) MARKET BY CATEGORY, 2019 - 2025, USD MILLION

TABLE 73 KEY INFORMATION – APPLIED MATERIALS, INC.

TABLE 74 KEY INFORMATION – LAM RESEARCH CORPORATION

TABLE 75 KEY INFORMATION – INTEVAC, INC.

TABLE 76 KEY INFORMATION – ADVANCED ENERGY INDUSTRIES, INC.

TABLE 77 KEY INFORMATION – KURT J. LESKER COMPANY

TABLE 78 KEY INFORMATION – AJA INTERNATIONAL, INC.

TABLE 79 KEY INFORMATION – ANGSTROM ENGINEERING, INC.

TABLE 80 KEY INFORMATION – CHA INDUSTRIES, INC.

TABLE 81 KEY INFORMATION – DENTON VACUUM LLC
TABLE 82 KEY INFORMATION – PVD PRODUCTS, INC.

List Of Figures

LIST OF FIGURES

FIG 1 METHODOLOGY FOR THE RESEARCH

FIG 2 KBV CARDINAL MATRIX

FIG 3 KEY LEADING STRATEGIES: PERCENTAGE DISTRIBUTION (2015-2019)

FIG 4 KEY STRATEGIC MOVE: (PARTNERSHIPS, COLLABORATIONS, AND AGREEMENTS: 2020-JAN – 2017-SEP) LEADING PLAYERS

FIG 5 RECENT STRATEGIES AND DEVELOPMENTS: APPLIED MATERIALS, INC.

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