

# **Asia Pacific Atomic Layer Deposition (ALD) Market 2021-2031 by Product Type (Thermal, Metal, Plasma, Catalytic, Others), Application (Semiconductors, Electronics, Solar Devices, Medical Equipment, Others), and Country: Trend Forecast and Growth Opportunity**

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## **Abstracts**

Asia Pacific atomic layer deposition (ALD) market will grow by 15.1% annually with a total addressable market cap of \$ 23,406.4 million over 2022-2031, driven by the increasing demand for 3D NAND storage, the widespread adoption of ALD equipment across various industries, the increasing need for flexible tools to improve functionality and offer higher accuracy, and an escalating demand for miniature & complex parts.

Highlighted with 21 tables and 35 figures, this 91-page report “Asia Pacific Atomic Layer Deposition (ALD) Market 2021-2031 by Product Type (Thermal, Metal, Plasma, Catalytic, Others), Application (Semiconductors, Electronics, Solar Devices, Medical Equipment, Others), and Country: Trend Forecast and Growth Opportunity” is based on comprehensive research of the entire Asia Pacific atomic layer deposition (ALD) market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2019-2021 and provides forecast from 2022 till 2031 with 2021 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following

aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of Asia Pacific market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify Asia Pacific atomic layer deposition (ALD) market in every aspect of the classification from perspectives of Product Type, Application, and Country.

Based on Product Type, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Thermal ALD

Metal ALD

Plasma Enhanced ALD (PEALD)

Catalytic ALD

Other Product Types

By Application, the Asia Pacific market is segmented into the following sub-markets with annual revenue (\$ mn) for 2021-2031 included in each section.

Semiconductors

Electronics

Solar Devices

Medical Equipment

Other Applications

Geographically, the following national/local markets are fully investigated:

Japan

China

South Korea

Australia

India

Rest of APAC (further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, Taiwan, and Philippines)

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2021-2031. The breakdown of national markets by Product Type and Application over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

Adeka Corporation

Aixtron SE

ALD Nano Solutions, Inc.

Applied Materials Inc.

Arradance LLC

ASM International NV

Beneq Oy

Denton Vacuum LLC

Forge Nano Inc.

Kurt J. Lesker Company

Lam Research Corporation

Oxford Instruments plc

Picosun Oy

Sentech Instruments GmbH

Tokyo Electron Limited

Veeco Instruments Inc.

Wonik IPS Co., Ltd.

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

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