

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

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Abstracts

Global atomic layer deposition (ALD) market will reach \$9,631.3 million by 2031, growing by 13.9% annually over 2021-2031, 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 58 tables and 68 figures, this 148-page report "Global Atomic Layer Deposition (ALD) Market 2021-2031 by Product Type (Thermal, Metal, Plasma, Catalytic, Others), Application (Semiconductors, Electronics, Solar Devices, Medical Equipment, Others), and Region: Trend Forecast and Growth Opportunity" is based on comprehensive research of the entire global 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 global 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 global atomic layer deposition (ALD) market in every aspect of the classification from perspectives of Product Type, Application, and Region. Based on Product Type, the global 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 global 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 regions together with the listed national/local markets are fully investigated:

North America (U.S., Canada, and Mexico)

Europe (Germany, UK, France, Spain, Italy, Netherlands, Rest of Europe; Rest of Europe is further segmented into Russia, Switzerland, Poland, Sweden, Belgium, Austria, Ireland, Norway, Denmark, and Finland)

APAC (Japan, China, South Korea, Australia, India, and Rest of APAC; Rest of APAC is further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, Taiwan, and Philippines)

South America (Brazil, Chile, Argentina, Rest of South America)

MEA (UAE?Saudi Arabia? South Africa and Rest of MEA)

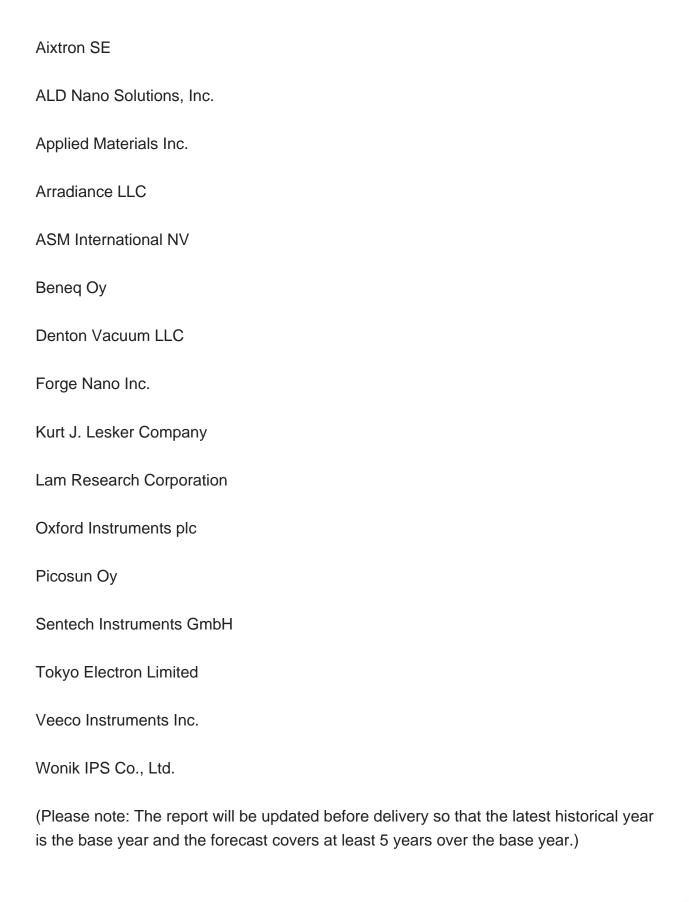
For each aforementioned region and country, detailed analysis and data for annual revenue (\$ mn) are available for 2021-2031. The breakdown of all regional markets by country and split of each national market by Product Type and Application over the forecast years are also included.

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







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Adeka Corporation

Aixtron SE

ALD Nano Solutions, Inc.

Applied Materials Inc.

Arradiance LLC

ASM International NV

Beneq Oy

Denton Vacuum LLC

Forge Nano Inc.

Kurt J. Lesker Company

Lam Research Corporation

Oxford Instruments plc

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