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Asia Pacific Vapor Deposition Equipment Market Size, Share & Trends Analysis Report By Technology (CVD, PVD), By Application (Data Storage, Medical Equipment, Data Storage, Microelectronics), And Segment Forecasts, 2021 - 2028

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Abstracts

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Asia Pacific Vapor Deposition Equipment Market Growth & Trends

The Asia Pacific vapor deposition equipment market size is anticipated to reach USD 19.15 billion by 2028, registering a CAGR of 6.4% over the forecast period, according to a new report by Grand View Research, Inc. Increasing semiconductor manufacturing coupled with rising demand for solar PV products in Asia Pacific is anticipated to drive the market growth. The rapid growth in the medical device industry, attributed to the increased investments in medical infrastructure during the pandemic, is expected to have a positive impact on the market. The medical device manufacturers are in need of wear-resistant and biocompatible coatings, which are provided by vapor deposition technology.

Ongoing developments and innovations in connectivity, communications, advanced software, the automotive industry, and data centers are projected to create a substantial demand for microelectronics in the region over the forecast period. This, in turn, is expected to have a positive impact on the vapor deposition equipment market. Key strategies adopted by various manufacturers include collaboration with coating companies and providing them with the necessary technology and equipment for coating. For instance, in October 2020, Vergason Technology, Inc., partnered with Helios Coatings Inc. to utilize Physical Vapor Deposition (PVD) wheel coating

technology.

Asia Pacific Vapor Deposition Equipment Market Report Highlights

Microelectronics accounted for the largest revenue share in 2020 owing to increased demand for durable coatings as vapor deposition allows the coated material to possess unique properties aiding them to integrate with microelectronics

The Chemical Vapor Deposition (CVD) segment led the global market in 2020 and is expected to register the fastest CAGR from 2021 to 2028

The medical equipment application segment is projected to witness the fastest CAGR of 7.6% over the forecast period

This growth is credited to its ability to provide a wear-resistant & hard coating on medical devices and surgical instruments

China accounted for the maximum revenue share in 2020 due to the heavy investments, a robust economic recovery, high disposable income levels, and improved private demand

End users are focusing on new product launches with vapor deposition techniques to expand their product portfolios

For instance, In March 2020, Roca Sanitario SA introduced Everlux finishes, a PVD technique to offer impact- and scratch-resistant products

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