

Global Flat Panel Display Equipment Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/GD690EEED35EEN.html>

Date: June 2024

Pages: 138

Price: US\$ 3,480.00 (Single User License)

ID: GD690EEED35EEN

Abstracts

According to our (Global Info Research) latest study, the global Flat Panel Display Equipment market size was valued at USD 18800 million in 2023 and is forecast to a readjusted size of USD 23070 million by 2030 with a CAGR of 3.0% during review period.

Flat panel display equipments are set of equipment used by FPD manufacturers to manufacture displays for their different product groups. For instance, Samsung uses FPD equipment to manufacture FPDs for products ranging from TVs to smartphones and tablets. The equipment includes CVD systems, sputter systems, etch and ash systems, coater and developers, and array and inspection systems.

Though the market is currently dominated by the LCD segment, the constantly reducing prices of OLED and the increasing demand for smartphones and tablets with active-matrix organic light-emitting diode (AMOLED) will result in increasing the shares of the AMOLED segment, which will dominate the market by the end of the predicted period. Also, the decreasing demand for PCs will further reduce the demand for LCD monitors, in turn, augmenting the shares of the AMOLED segment.

The Global Info Research report includes an overview of the development of the Flat Panel Display Equipment industry chain, the market status of LCDs (Evaporation, Photolithography (Exposure)), OLEDs (Evaporation, Photolithography (Exposure)), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Flat Panel Display Equipment.

Regionally, the report analyzes the Flat Panel Display Equipment markets in key

regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Flat Panel Display Equipment market, with robust domestic demand, supportive policies, and a strong manufacturing base.

Key Features:

The report presents comprehensive understanding of the Flat Panel Display Equipment market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Flat Panel Display Equipment industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (Units), revenue generated, and market share of different by Process (e.g., Evaporation, Photolithography (Exposure)).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Flat Panel Display Equipment market.

Regional Analysis: The report involves examining the Flat Panel Display Equipment market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Flat Panel Display Equipment market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Flat Panel Display Equipment:

Company Analysis: Report covers individual Flat Panel Display Equipment manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Flat Panel Display Equipment. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (LCDs, OLEDs).

Technology Analysis: Report covers specific technologies relevant to Flat Panel Display Equipment. It assesses the current state, advancements, and potential future developments in Flat Panel Display Equipment areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the Flat Panel Display Equipment market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Flat Panel Display Equipment market is split by Process and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Process, and by Application in terms of volume and value.

Market segment by Process

Evaporation

Photolithography (Exposure)

Physical Vapor Deposition (PVD)

Excimer Laser Annealing (ELA)

Chemical Vapor Deposition (CVD)

Wet Etch

Market segment by Application

LCDs

OLEDs

Others

Major players covered

Canon

Nikon

ULVAC

Applied Materials

AVACO Co., Ltd.

AP Systems

Sunic

Manz

JSW AFTY

Iruja

LG PRI

SEMES Co. Ltd.

Tokyo Electron

SFA Engineering Corp

SNU Precision

Jusung Engineering

SCREEN Semiconductor Solutions Co., Ltd.

Shibaura Mechatronics Corp.

KC Tech Co., Ltd.

Market segment by region, regional analysis covers

North America (United States, Canada and Mexico)

Europe (Germany, France, United Kingdom, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, Korea, India, Southeast Asia, and Australia)

South America (Brazil, Argentina, Colombia, and Rest of South America)

Middle East & Africa (Saudi Arabia, UAE, Egypt, South Africa, and Rest of Middle East & Africa)

The content of the study subjects, includes a total of 15 chapters:

Chapter 1, to describe Flat Panel Display Equipment product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Flat Panel Display Equipment, with price, sales, revenue and global market share of Flat Panel Display Equipment from 2019 to 2024.

Chapter 3, the Flat Panel Display Equipment competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Flat Panel Display Equipment breakdown data are shown at the regional

level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Process and application, with sales market share and growth rate by process, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023. and Flat Panel Display Equipment market forecast, by regions, process and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Flat Panel Display Equipment.

Chapter 14 and 15, to describe Flat Panel Display Equipment sales channel, distributors, customers, research findings and conclusion.

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