

# Global Flat Panel Display (FPD) Surface Treatment Market Growth (Status and Outlook) 2026-2032

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## Abstracts

The global Flat Panel Display (FPD) Surface Treatment market size is predicted to grow from US\$ 630 million in 2025 to US\$ 1019 million in 2032; it is expected to grow at a CAGR of 7.2% from 2026 to 2032.

Flat Panel Display (FPD) Surface Treatment refers to a type of professional industrial service that provides cleaning, rinsing, surface modification, regeneration, or functional coating treatment for key components (such as etching cavity components, CVD/PVD parts, frames, supports, and reflective components) in equipment used to manufacture display panels (such as LCD, OLED, TFT, and AMOLED panels). Display panel cleaning typically tolerates particle sizes above 0.5 $\mu$ m and has low sensitivity to metal ion contamination. The oxide film thickness in the anodizing process of display panels is typically 5-50 $\mu$ m (such as in the thin film deposition stage). The porosity requirements for coating technologies such as plasma lamination of display panels are typically 1-3%. In 2025, the global gross profit margin for Flat Panel Display (FPD) Surface Treatment was approximately 30%, with downstream customers including BOE, TCL CSOT, Tianma Microelectronics, and AU Optronics.

United States market for Flat Panel Display (FPD) Surface Treatment is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Flat Panel Display (FPD) Surface Treatment is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Flat Panel Display (FPD) Surface Treatment is estimated to increase

from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Flat Panel Display (FPD) Surface Treatment players cover Kurita, Enpro Industries (LeanTeq & NxEdge), TOCALO Co., Ltd., Mitsubishi Chemical?Cleanpart?, Hansol IONES, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LPI (LP Information)' newest research report, the 'Flat Panel Display (FPD) Surface Treatment Industry Forecast' looks at past sales and reviews total world Flat Panel Display (FPD) Surface Treatment sales in 2025, providing a comprehensive analysis by region and market sector of projected Flat Panel Display (FPD) Surface Treatment sales for 2026 through 2032. With Flat Panel Display (FPD) Surface Treatment sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Flat Panel Display (FPD) Surface Treatment industry.

This Insight Report provides a comprehensive analysis of the global Flat Panel Display (FPD) Surface Treatment landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyses the strategies of leading global companies with a focus on Flat Panel Display (FPD) Surface Treatment portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Flat Panel Display (FPD) Surface Treatment market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Flat Panel Display (FPD) Surface Treatment and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Flat Panel Display (FPD) Surface Treatment.

This report presents a comprehensive overview, market shares, and growth opportunities of Flat Panel Display (FPD) Surface Treatment market by product type, application, key players and key regions and countries.

Segmentation by Type:

Precision Cleaning

Anodizing

Coating & Thermal Spray

Segmentation by Equipment:

Etcher

CVD/PVD Equipment

Others

Segmentation by Suppliers:

Equipment Manufacturer

Third-party Surface Treatment Services

Segmentation by Component:

Metallic Material Components

Non-metallic Material Components (Advanced Ceramics)

Segmentation by Application:

LCD Manufacturing Equipment

OLED Manufacturing Equipment

This report also splits the market by region:

## Americas

United States

Canada

Mexico

Brazil

## APAC

China

Japan

Korea

Southeast Asia

India

Australia

## Europe

Germany

France

UK

Italy

Russia

## Middle East & Africa

Egypt

South Africa

Israel

Turkey

GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analyzing the company's coverage, product portfolio, its market penetration.

Kurita

Enpro Industries (LeanTeq & NxEdge)

TOCALO Co., Ltd.

Mitsubishi Chemical?Cleanpart?

Hansol IONES

WONIK QnC

DFtech

Frontken Corporation

Persys Group

MSR-FSR

Value Engineering Co., Ltd

Neutron Technology

Foamtec International

ULVAC Technologies

Nikkoshi

Ferrotec Global(Ferrotec (An Hui) Technology Development Co., Ltd.)

Cinos(CINOS Xi'an Clean Technology Co., Ltd.)

KoMiCo

Hefei Weirui Technology Co., Ltd.

GEMtek Corporation

Chongqing Genori Industrial Co., Ltd.

Shih-Her Technologies Inc.

Suzhou Kematek, Inc.

Kertz Co., Ltd.

Hung Jie Technology Corporation

HCUT

Shanghai Companion Precision Ceramics Co., Ltd.

Beijing Grand Ray Tech Co., Ltd.

HTC & Solar Tech Service Ltd.

PNC Process Systems Co.,Ltd

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