

AMOLED and LCD Supply Demand & Equipment

This intelligence service now includes an expanded version of the Display Fab Equipment Design Wins Database, offering unique coverage of the machines panel makers are buying from equipment companies.

- See where competitors are winning business
- Identify companies to target for equipment component sales
- Understand what machines competitors are using for specific applications
- Model profitability, and worth on equipment companies for investment opportunities
- Identify technology development partners or acquisition targets in the display industry

- Factories: 17
- Processes: 16
- Equipment types: 44
- Equipment Details: 366
- Equipment Vendors covered: 160

More coverage will be added over time

See more details in this intelligence service overview

Questions?

Contact Charles Annis at

Charles.Annis@ihsmarkit.com

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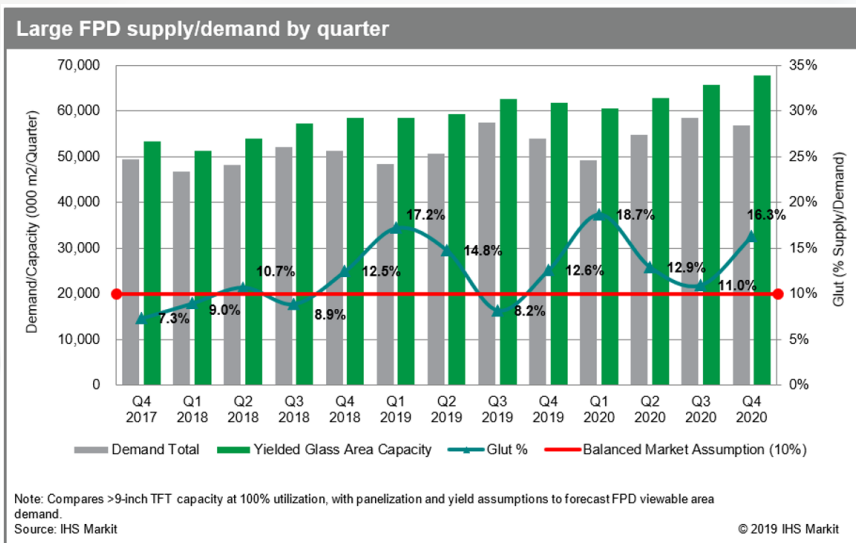
A comprehensive guide to fab activity, capacity, utilization, supply/demand, capital spending, financial information and relevant news analysis for the entire FPD supply chain

Key questions answered

- How does the intersection between FPD supply and demand affect factory utilization, panel prices, investment or shutdown plans?
- What political, market, and technology developments cause the outlook for FPD supply chain participants to change?
- How can you use capacity, demand, inventory, equipment, price and more data to support your own corporate planning strategies?

Deliverables

- **Market trackers** - Worldwide and regional coverage of fab activity, capacity, utilization, supply/demand, equipment maker and spending information, panel maker financial tracking, historical, current year and five year forecast. Delivered quarterly in Excel and accompanied by a detailed written Power Point analysis.
- **Market database** - Unique coverage of how many of which machines panel makers are buying from which equipment companies. Updated as new information becomes available.
- **Market briefs** - Flash reports covering FPD industry events and analysis of industry news in between the larger quarterly updates. Delivered in Power Point.
- **Presentations, insight articles, event reports** - Internal and external presentations as well as Display Dynamics articles posted throughout the year
- **Analyst access** - For prompt responses to urgent and detailed questions.



Database

Display Fab Equipment Design Wins

This database offers a unique look how many, and of which machines, panel makers are buying from which equipment companies. The data base is updated and expanded on at least a quarterly basis.

Details

Frequency & format: Updated as new information becomes available, in XLS.

Regions with city and state

- China
- Korea (future versions)
- Taiwan (future versions)
- Japan (future versions)

Note: coverage of this database will expand regularly

Coverage

- Region
- City
- State
- Company
- Factory
- Product
- Display Tech
- TFT Tech
 - > a-Si
 - > LTPS
 - > Oxide
 - > Si
- Mother Glass Size
- Gen
- Panel tech
 - > AMOLED
 - > OLED on Si
 - > TFT-LCD
- Process
 - > Array
 - > Cell
 - > CF
 - > Encapsulation
 - > Evaporation
 - > Front plane
 - > Metrology
 - > Module
 - > Micro OLED
 - > Other
- Process –continued –
 - > OLED
 - > R&D
 - > Touch
- Type
- Equipment detail
- Units
- Units/Sets
- Decision timing
- Equipment vendor
- Equipment vendor region

Database

Display Fab Equipment Design Wins

Example as of November 5, 2019

Details

As of Nov 5, 2019

- Number of equipment wins (3978)
- Number of factories covered (17)
- Number of processes covered (16)
- Number of “Type” covered (44)
- Number of “Equip Detail” covered (366)
- Number of Equipment Vendors covered (160)

Note: coverage of this database will expand regularly

Example

Company	Factory	Product	Display Tech	TFT Tech	MG Size	Gen	Panel Tech (specific)	Process	Type	Equipment Detail	Units	Unit/set	Decision Timing	Equipment Vendor	Vendor Region
AJO	FVO Kunshan L6K LTPS	Panel	LCD	LTPS	1500 x 1850	6	TFT LCD	Array	CVD	CVD	6	Set	Aug-15	ULVAC	Japan
AJO	FVO Kunshan L6K LTPS	Panel	LCD	LTPS	1500 x 1850	6	TFT LCD	Array	Test	Array Tester	1	Unit	Jan-19	YAS	Korea
AJO	FVO Kunshan L6K LTPS	Panel	LCD	LTPS	1500 x 1850	6	TFT LCD	Cell	AOI	AOI	1	Unit	Oct-15	Orbotech	Israel
AJO	FVO Kunshan L6K LTPS	Panel	LCD	LTPS	1500 x 1850	6	TFT LCD	Cell	Printer	PI Printer	1	Unit	Sep-15	linuma Gauge	Japan
BOE	B17	Panel	LCD	a-Si	2940 x 3370	10.5/11	TFT LCD	CF	Repair	CF Repair	31	Unit	Jan-19	V-Technology	Japan
BOE	B17	Panel	LCD	a-Si	2940 x 3370	10.5/11	TFT LCD	Module	AOI	AOI: Module Test	2	Unit	Feb-19	ENC Technology, Inc	Korea
BOE	B17	Panel	LCD	a-Si	2940 x 3370	10.5/11	TFT LCD	Module	AOI	AOI	4	Set	Apr-19	Sineva	China
BOE	B17	Panel	LCD	a-Si	2940 x 3370	10.5/11	TFT LCD	Module	AOI	AOI	4	Set	Apr-19	Wuhan Jingce	China
BOE	B17	Panel	LCD	a-Si	2940 x 3370	10.5/11	TFT LCD	Others	Repair	Laser Repair: PR	2	Unit	Apr-19	Suzhou Cowin Laser	China
BOE	B7	Panel	OLED	LTPS	1500 x 1850	6	AMOLED	Array	Etcher	Wet Etcher	1	Unit	Jun-16	DMS	Korea
BOE	B7	Panel	OLED	LTPS	1500 x 1850	6	AMOLED	Array	Etcher	Dry Etcher	10	Unit	Mar-17	TEL (Tokyo Electron)	Japan
BOE	B7	Panel	OLED	LTPS	1500 x 1850	6	AMOLED	Array	Etcher	Wet Etcher	1	Unit	Jul-17	DMS	Korea
BOE	B7	Panel	OLED	LTPS	1500 x 1850	6	AMOLED	Array	Implant	Ion Implant	3	Unit	Dec-16	Nissin Ion	Japan
BOE	B7	Panel	OLED	LTPS	1500 x 1850	6	AMOLED	Others	AOI	Auto Macro AOI (Offline)	1	Unit	Jun-16	Digital Imaging Technology	Korea
BOE	B7	Panel	OLED	LTPS	1500 x 1850	6	AMOLED	Others	AOI	AOI	10	Unit	Jul-16	Digital Imaging Technology	Korea
BOE	Kunming BOE MicroOLED	Panel	OLED	Si	12 inch	----	OLED on Si	Micro OLED	AOI	AOI: Wafer Defect	1	Unit	Jul-18	Applied Materials (AKT)	USA
BOE	Kunming BOE MicroOLED	Panel	OLED	Si	12 inch	----	OLED on Si	Micro OLED	Evaporator	Evaporator	1	Set	May-18	Choshu Industry Co., Ltd.	Japan
BOE	Kunming BOE MicroOLED	Panel	OLED	Si	12 inch	----	OLED on Si	Micro OLED	Evaporator	Electron Beam Evaporator	1	Unit	Jul-18	Sky Technology	China
BOE	Kunming BOE MicroOLED	Panel	OLED	Si	12 inch	----	OLED on Si	Micro OLED	Exposure	Exposure	1	Unit	May-18	ASML B.V.Netherlands	Netherlands
CEC Panda	PND Chengdu	Panel	LCD	Oxide	2290 x 2620	8.6	TFT LCD	Array	PVD	PVD: SPM	3	Unit	Jan-17	ULVAC	Japan
CEC Panda	PND Chengdu	Panel	LCD	Oxide	2290 x 2620	8.6	TFT LCD	Cell	AOI	AOI: PI	2	Unit	Jul-17	KUBOTEK	Japan
CEC Panda	PND Chengdu	Panel	LCD	Oxide	2290 x 2620	8.6	TFT LCD	Cell	Printer	PI Printer	3	Unit	Feb-17	Nakan Techno	Japan
China Star	T2	Panel	LCD	a-Si	2200 x 2500	8	TFT LCD	Array	AOI	AOI: Low Res Defects	1	Unit	Feb-18	FAVITE	Taiwan
China Star	T2	Panel	LCD	a-Si	2200 x 2500	8	TFT LCD	Array	Exposure	Exposure	1	Unit	Feb-17	Canon	Japan
China Star	T2	Panel	LCD	a-Si	2200 x 2500	8	TFT LCD	Array	Test	Array Tester: Voltage Imaging	1	Unit	Mar-15	Orbotech	Israel

Market tracker

AMOLED and LCD Supply Demand & Equipment

This tracker quantitatively and qualitatively analyzes all industry participants and key diagnostic metrics, delivering the most current and complete view of both the supply and demand sides of the industry

Details

Frequency & format: Quarterly in XLS and PPT

Period: Q1'2000 to current year + 5 year forecast

Regions with provinces and cities where applicable

- Worldwide

Applications

- Smartphones, tablets, notebooks, monitors, TVs, public displays, VR/AR, E-paper, wearables, automotive, alternative applications, etc.

Technologies

- a-Si, LTPS, LTPO, Oxide, organic TFT, TFT LCD, AMOLED, QD OLED, WOLED, OLED on Si, rigid, flexible, rollable, etc. panel technologies as well as equipment and manufacturing technologies

Data Coverage

- For TFT, color filter and AMOLED, capacity by substrates per month and m² by country, manufacturer, factory, phase, mother glass size, technology, application, application detail, process type, equipment purchase order, install, production, shutdown and depreciation dates, probability of project completion, and more
- Small medium and large-area capacity allocation by factory
- TFT utilization by country, maker, factory, region, mother glass size and technology
 - Monthly data is historical with one quarter forecast
- LCD module capacity
- Investment announcements tracker
- Demand summary in units and m² by application and size
- Supply/demand analysis for large-area and small/medium applications, LCDs and AMOLEDs
- Panelization
- Equipment units, revenue for TFT, AMOLED and other processes by year, region, mother glass size and technology
- FPD equipment maker data base, process, machine, region, URL and relevant comments
- FPD maker financials by revenue, operating and net profits

Market tracker

AMOLED and LCD Supply Demand & Equipment

Analysis coverage

Key findings and FPD weather forecast

1.0 Executive summary

2.0 News and other analysis

3.0 Financing Chinese FPD factories & company profiles

4.0 Fab Activity

4.1 TFT

4.2 AMOLED

5.0 TFT-based supply/demand and fab utilization

6.0 FPD inventory issues

7.0 Panel and manufacturing technology

8.0 Equipment spending

9.0 Financial analysis

10.0 Methodology

Related research

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[Display Dynamics Intelligence Service](#)

[Tablet and Notebook Display & OEM Intelligence Service](#)

[TV Display & OEM Intelligence Service](#)


Contact us:

Americas: +1 844 301-7334

Europe and the Middle East: +44 (0) 13 44 32 81 55

Asia Pacific: +60 042913763

Email: CustomerCare@ihsmarkit.com

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