



LCD Scanner

FX-66S

Supports 5th-6th Generation Large Plate Applications
Enables Small and Medium-sized Panel
Manufacturing from Large Plates



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The FX-66S is for 5th–6th generation large plate size applications. This exposure equipment supports the production of small to midsize panels using large plates. Its improved productivity and stable exposure performance enable production of small to midsize, high-definition panels with a high resolution of 3 µm or less (L/S).

Main Features

- **Multi Lens System**

The FX-66S features the Multi Lens System consisting of multiple projection lenses. This design enables a wide exposure field and excellent resolution.

- **High Throughput**

1,300 mm × 1,500 mm plate size: 21,000 panels/hr (4-inch wide panels), 7,200 panels/hr (7-inch wide panels)

- **Improved Exposure Performance**

The FX-66S employs a new high-precision calibration function initially developed for the 10th generation LCD scanner FX-101S, and provides enhanced exposure stability performance.

- **High Resolution**

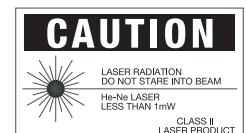
The Multi Lens System paired with the proprietary Nikon focus control system ensures excellent resolution of 3 µm (L/S) across the entire plate.

- **High Alignment Accuracy**

Alignment accuracy of ±0.6 µm or less is achieved using simultaneous multipoint alignment with the ultra precise stage.

Specifications

Resolution (L/S)	3.0 µm (g+h+i-line)
Projection magnification	1:1
Alignment accuracy	≤ ±0.6 µm
Maximum plate size	1,500 mm × 1,850 mm
Tact time	52 sec/plate Conditions: 1,300 mm × 1,500 mm, 4 scans, g+h+i-line, 30 mJ/cm ²



	WARNING	TO ENSURE CORRECT USAGE, READ THE CORRESPONDING MANUALS CAREFULLY BEFORE USING YOUR EQUIPMENT.
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This product was developed and manufactured in the factory certified under ISO 9001.