



Large Substrate Exposure System

For Glass Panel Exposure

FEATURES

- » High Throughput
- » 1kW to 8kW Collimated Beam Light Source from 12in² to 20in² beam sizes
- » Light Beam Source Uniformity
- » SECS/GEM Capability

Wide Variety of Panel Handling

- » 12in² to 20in² panels
- » 14in² to 24in² mask inserts

SUPERB PROCESS

REPEATABILITY

≤2.0μ PRINTING RESOLUTION

REMOTE DIAGNOSTICS

SPECIFICATIONS

Exposure Modes Resolution:

Vacuum Contact: ≤2.0μ

Soft Contact: 3.0-5.0μ

Proximity (20μ gap): 5.0μ

Advanced Beam Optics:

Uniform Beam Size: 12in² to 20in²

Lamp Power: 1kW to 8kW

The Large Substrate Exposure System for markets requiring exposure of large glass panels. Using OAI's advanced beam optics, the system utilizes a UV light source with beam size from 12in² to 20in² using while applying 1kW to 8kW lamp powers. This provides a uniform beam of +/-10%. The system enables a printing resolution of ≤2.0μ. The system can handle a wide variety of substrate thickness from thin to thick and bonded panels. OAI's Large Substrate Exposure System is the total package for performance, dependability, and repeatability for exposure of large area glass panels.



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Ideal For Glass Panel Exposure



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Throughput, Reliability, &
Excellence**



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