

# 36W 365 nm UV Exposure System

## UV Exposure System



**Tool Type:** UV exposure chamber

**Location:** Microfluidics Lab

**Description:** Enclosed chamber with UV bulb and turntable

**Manufacturer:** KAIS

## About

Small UV enclosure, primarily for curing of resins and resists.

## Safety Concerns

Ultraviolet Radiation Hazard - UV bulb should only be on when door is closed.

Heat Hazard - UV Bulb can get hot with long use, care to avoid touching it when removing a sample.

## Operating Procedures

1. Open the chamber door.
2. Position substrate.
3. Close chamber door.
4. Set timer for exposure.

## Detailed Specifications

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	Item	Description	
KGW-94N	Effective Area	5" in Diameter	
	UV Lamp	Model No. KGWSN_UVA PL Lamp 9W x 4 EA	
	UV Lamp life time	2,000 Hrs	
	UV Intensity	30mW/ cm <sup>2</sup> at 365nm	
	Dimensions	13.3"(W) x 10.6"(H) x 11.2"(D)	
	Turntable	Speed	6 RPM
		Size	9.6" Glass Plate (effective area shown on plate)
	Safety Feature	All functions stop when door gets open	
	Power	110-220 V <sub>ac</sub> Free Voltage 50/60Hz Max. 1.5A	
	Weight	Max. 10.0 kg	

## Reference Documentation

From: <https://microfluidics.cnsi.ucsb.edu/wiki/> - Innovation Workshop Wiki

Permanent link: [https://microfluidics.cnsi.ucsb.edu/wiki/doku.php?id=exposure\\_system&rev=1672950586](https://microfluidics.cnsi.ucsb.edu/wiki/doku.php?id=exposure_system&rev=1672950586)

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