

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

사양

	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 ² 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 _{ac} 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

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