

36W 365 nm UV Exposure System

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Tool Type: UV Exposure Chamber

Location: Elings 3430

Supervisor	Tool Lead
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Description: Enclosed chamber with UV Bulb and Turntable

Manufacturer: KAIS

About

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

Detailed Specifications

사양

Item	Description	
Effective Area	5" in Diameter	
UV Lamp	Model No. KGW5N_UVA PL Lamp 5W 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	

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.
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Reference Documentation

From:

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

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https://microfluidics.cnsi.ucsb.edu/wiki/doku.php?id=exposure_system&rev=1661557904

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