

# 36W 365 nm UV Exposure System

## 36W 365 nm UV Exposure System



**Tool Type:** UV Exposure Chamber

**Location:** Elings 3430

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

**Manufacturer:** Unknown (Please add)

## 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 <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   |

## 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.

## Reference Documentation

### Specs

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 <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                 |  |
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|         | Weight            | Max. 10.0 kg   |  |

## Training Documentation

n/a

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