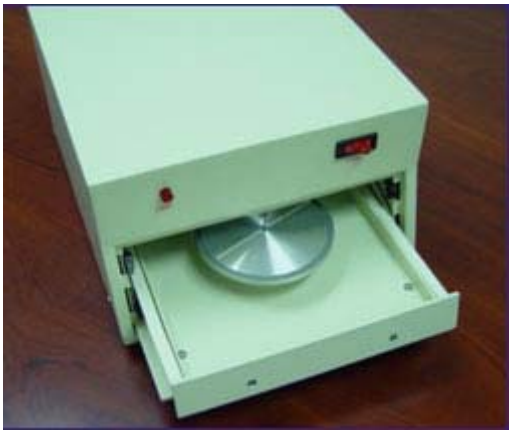
UV Curer

KW-4AC



OWNER'S MANUAL

LIMITATION OF LIABILITY

In no event shall CHEMAT TECHNOLOGY INC. be held responsible nor liable for any direct, indirect, incidental, special or consequential damages or costs whatsoever resulting from or related to the use or misuse of the UV Curer KW-4AC, even if CHEMAT TECHNOLOGY INC. has been advised, know, or should be aware of the possibility of such damages.

CHEMAT TECHNOLOGY INC. emphasizes the importance of consulting experienced and qualified professionals to assure the best results of using the UV CURER KW-4AC

Description:

KW-4AC is made for utilizing the strong function of UV lamp to make the resin (UV paint, ink, glue) from liquid to solid status within a few seconds. The machine is designed for semiconductor process, patterning, coating process. It can be used as R&D, and education of Science.

Specialty:

1. Simple design and user friendly
2. The UV lamp has strong penetration to unsure the good quality of inner layer solidification.
3. UV lamp is easy to operate.

Specification:

UV Lamps:	4 x 6 W bulbs
Wavelength:	246nm/365nm
Turntable Diameter:	4”
Turntable Rotary Speed:	6 rpm
Dimension:	8.5” (W) x 9.5” (D) x 6.3” (H)
Power Requirement:	120V/60HZ – 6A

Operations:

1. Make sure the UV Curer is turned off before plugging it in.
2. Pull open cover to display chuck and put the sample of the substrate on top of the chuck, position substrate in the middle of the chuck.
3. Close cover, press the power switch location in the front plate of the machine, it will start to spin counter clockwise at the speed of 5-6 rad/min.
4. Light on front panel indicates UV is in the “ON” position. After a few seconds, open cover and press the power switch to the off position, take out the chuck with the substrate which is solidified.

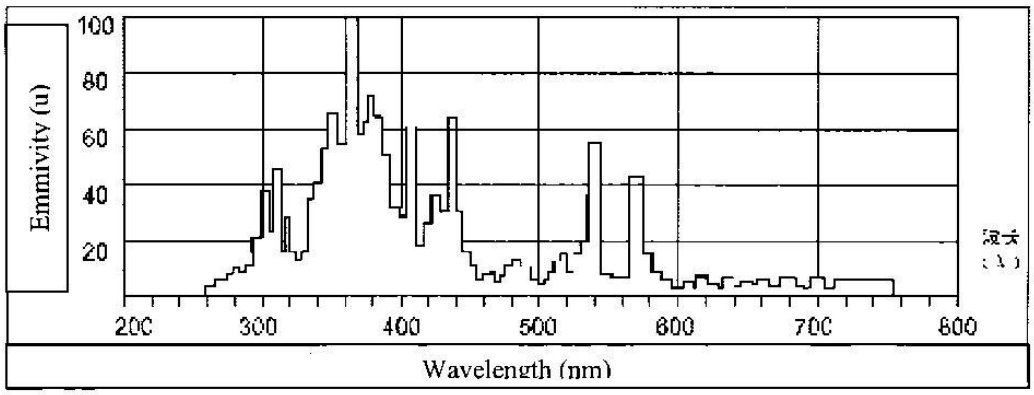
Changing Lamp:

Rotate lamp 90^{0} - Remove, insert new lamp and rotate 90^{0}

Technical Information.

Item	Motor Rotation Speed (rad/min)	UV Lamp Wavelength (nm)	UV Lamp Ageing Time
Requirement	5	365	

Spectrum for UV Lamp



LIMITED ONE YEAR GUARANTEE

KW-4AC Curer

Chemat Technology Inc. warrants the KW-4AC Curer against defects in materials and workmanship, under normal use from the confirmed date of purchase, by the original purchaser. Upon written notice of any defects, Chemat Technology Inc. will either repair the faulty product or components thereof. Any warranty stated hereunder is extended to the original purchaser and is not transferable.

Chemat Technology Inc. does not assume liability for consequential damages or liability as a result of our product's use. Chemat Technology Inc. liability extends, but not exceeds, the original selling price of the equipment. In addition, there is no assumption of liability as a consequence of any such events under the terms of this guarantee, in the following:

1. Shipment to or from the customer of Chemat Technology Inc.
2. Improper environment, temperature extremes, electrical power surges or failure, or other misuse or negligence.
3. Adjustment or repair by personnel not authorized by Chemat Technology Inc.
4. Improper installation or failure to follow installation instructions.
5. Forces beyond the control of Chemat Technology Inc. including but not limited to an act of God, war, insurrection, civil disturbance, natural disasters, labor disputes or government regulations.

In order to obtain service under this guarantee, you must first call Chemat Technology Inc. Mechanical Engineering department and obtain a Return Authorization number before shipping the product to Chemat Technology Inc. (1-800) 475-3628)