

Hobby UV unit (Part No: 300-009)



Note: you might find the video on our web site useful as it shows this unit being used.

<http://www.megauk.com/video.php>

Remove unit from the packaging and place on a flat surface in a location where the lid can be fully raised and lowered without obstruction.

Read Electrical Safety Notice – then plug into a suitable socket.

Exposing Photo resist

- 1) Before exposing the resist, switch on the UV exposure unit for 4-5 minutes to ensure the tubes are warmed up, (warm tubes give out 50% more UV light than cold ones).
- 2) Place the artwork in the centre of the glass area with the ink or toner side facing upwards.
- 3) Remove the protective black film from the Fotoboard or other resist coated material and if necessary deburr any sharp edges with a file or deburring tool. Then carefully wipe any particles off the photo resist surface with a soft tissue and place over the artwork.
- 4) Then place the Fotoboard, resist side down, on the artwork.
- 5) Place the rubber pad over the working glass area and close the lid.
- 6) Set your timer to 3 minutes, and turn ON the tubes.
NB: If you use any other coated boards the exposure time required may be as much as 5 minutes
- 7) After 3 minutes, turn OFF the UV and remove the exposed board, which will show a faint yellowish pattern of your artwork.



MEGA ELECTRONICS LTD.,

Mega House, Grip Industrial Estate, Linton, Cambridge, CB21 4XN

Tel: +44 (0) 1223 893900 Fax: +44 (0) 1223 893894

Email: sales@megauk.com web: www.megauk.com

Electrical Safety Notice

CONNECTIONS TO MAINS ELECTRICAL SUPPLY

This equipment is designed to safety class 1

Before connecting this equipment to the mains electricity supply, examine the information on the apparatus rating label.

Ensure that the mains supply is single phase alternating current (a.c.) of the stated frequency (Hz), with neutral nominally at earth potential.

Check the supply voltage is within the stated range.

The equipment rating label states the value of the fuse fitted to the apparatus itself. Ensure that the plug or supply circuit is fitted with an appropriate fuse of higher value.

WARNING THIS APPARATUS MUST BE EARTHED.

The wires in the mains lead are coloured in accordance with the following code:

Green/Yellow	- Earth	(E)
Blue	- Neutral	(N)
Brown	- Live	(L)

If a moulded fused plug is not fitted connect the wires to a non-reversible 3 pin plug as follows: -

Green/Yellow wire to terminal marked:

E (earth) or G (ground) or coloured Green or coloured Green/Yellow.

Blue wire to terminal marked:

N (neutral) or Common or coloured blue.

Brown wire to terminal marked:

L (live) or Phase or coloured Brown.

NO SERVICING OR MAINTENANCE SHOULD BE CARRIED OUT UNTIL THE UNIT HAS BEEN SWITCHED OFF AND ISOLATED FROM THE MAINS ELECTRICITY SUPPLY.

Any spare parts which may be required, are supplied on the understanding that the replacement of these requiring the exposure of live electrical connections will be undertaken by an electrically qualified person.