

# LV202-E UV Exposure Unit

MEGA PART 300-001

## INSTRUCTIONS ON USE

1. Remove unit and power cable from the packaging and place on a flat surface in a location where the lid can be fully raised and lowered without obstruction.
2. Read electrical safety notice on reverse (or attached). Then, insert power lead into the unit and plug the moulded 13amp plug into a suitable socket.
3. Raise the lid and place the artwork face down in the centre of the glass.
4. Place material to be exposed, emulsion side down, on top of the artwork and carefully close the lid ensuring both catches are engaged.
5. Rotate the timer knob to the correct exposure time. On releasing the timer knob, the mechanical timer will begin to count down and the exposure will commence. When exposure is completed the timer will click to the off position and the exposed material can be removed and processed.

## Hints

1. The UV tubes will produce as much as 30% more UV light when they are warm. For consistent exposures turn the machine on, with the lid closed, for a 5 minute exposure prior to use.
2. Exposure times vary depending on material to be exposed. As a guide Mega's Fotoboard and FPC-16 printed circuit board material will take approximately 2 - 2.5 minutes to expose with a good quality artwork.
3. Avoid operating the unit with the lid raised.

## Spares and Servicing

Please contact our spares department stating the model number (LV202-E) and serial number which can be found on the rating label next to the mains power input.

Spares are available and are only supplied on the understanding that the replacement of such parts requiring the exposure of live electrical connections will be undertaken by an electrically qualified person. The following are common spare parts which can be ordered:

|        |                   |
|--------|-------------------|
| 170011 | UV Tube 8W 05 12" |
| 171001 | Choke - 13W       |
| 172016 | Starter           |

## Associated Products

A range of products available for use with this unit are detailed in our free product catalogue. Of particular interest will be the PCB and label production materials.

Please telephone us for your copy.



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## 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.

Motor driven appliances should not be run unless all covers have been properly replaced.



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