



## LV202-E UV EXPOSURE UNIT

### 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 the 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 adjustable 6 minute 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 6 minute exposure prior to use.
2. Exposure times vary depending on material to be exposed. As a guide Fortex Microtrak printed Circuit board material will take approximately 240-300 seconds 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 LV202E 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 potentially live electrical parts will be under taken by an electrically qualified person. The following are common spare parts that can be ordered:-

1. UV ACTINIC 350-400nm (UV-A) Fluorescent tube 8W 300mm (12") Lamps will loose intensity, of approximately 15% every 1000 hours. Order Code LV202-8WATT
2. Fluorescent electronic ballast Order Code LV202-BALL
3. Mechanical Timer Order Code LV202-MECHT

### Associated Products

A range of products are available for use in conjunction with the UV exposure unit on the Fortex web site

[www.fortex.co.uk](http://www.fortex.co.uk)

Including:-

Microtrak Presensitised board  
Photopolymer Dry Film  
Laser Artwork Film  
Inkjet Artwork Film  
Developing Solutions for UV sensitized Products



## **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.

**DISCONNECT THE MAINS PLUG FROM THE SUPPLY SOCKET WHEN NOT IN USE**