

EXPOSURE UNITS

AX, AY and AZ

Installation

Position the exposure unit on a flat level surface where the lid can be raised and lowered without obstruction. Read electrical safety notice on the rear of this instruction sheet. Then insert power lead into the unit and plug moulded fused plug into a suitable socket.

Explanation of Controls

Mains on/off switch	- Two position rocker type switch
Illuminated digital display	- Three digit red display 0-999 seconds
Green start touch switch	- Starts exposure cycle
Blue touch switches	- Used to set each of 3 digits to time required
Red exposure complete indicator	- Illuminates when exposure is complete, goes off when Lid is raised
Rocker switch right hand side	- Isolates bottom set of tubes

OPERATING INSTRUCTIONS

1. With the mains lead connected, (see above installation procedure), turn the rocker switch to on. When powered on the timer and digital display will set to 888.

2. The timer can then be set from 0-999 seconds in 1 second intervals by pushing the 3 blue membrane touch switches below the digital display. By pushing one of these switches and holding it down the display above the switch will count up i.e. 9, 1, 2, 3 etc. The left button/display is for hundreds, the middle for tens and the right for single units.

3. When the time is set, open the lid and place the material to be exposed in the centre of the glass area. Place the artwork on top of the material, and another artwork below. An artwork with right reading emulsion down should be used for best results.

4. Carefully close the lid and then having set the time as per 2 above, press the start button.

AX Pressure Pad Units. The tubes will illuminate and the timer will begin to count down. when exposure is complete, the display returns to it's original setting and the Red Exposure Complete illuminator lights up and a buzzer sounds for 2 - 3 seconds.

AY & AZ Vacuum Units. When the start button is pressed the vacuum pump will begin to operate. Initial vacuum will normally be reached in a few seconds, but exposure will not commence for a further 30 - 60 seconds, to allow the pump time to achieve an optimum vacuum. Exposure will then commence with the tubes coming on and the timer beginning to countdown. when the exposure is complete the pump is turned off, a valve opened automatically to release the vacuum, the red exposure complete illuminator lights up and a buzzer sounds for 2 - 3 seconds.

5. The Exposure Complete illuminator will remain on and the timer disabled until the lid is raised

Servicing and Spares

Before cleaning or servicing ensure power is switched off and the mains cable is removed.

Periodically clean the glass (AX pressure pad and AZ models) and Mylar film (AY and AZ vacuum models) in front of the tubes with a damp cloth. Any obstruction caused by dirt could be transferred as an image on the exposed material.

Electrical Safety Notice

CONNECTIONS TO MAINS ELECTRICAL SUPPLY

This equipment is designed to safety class1.

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.