

Letralite

ULTRAVIOLET (UV) LIGHT EXPOSURE UNIT

The Letralite ultraviolet light exposure unit has been designed to expose UV sensitive materials. The unit's unique compact cylindrical design makes the unit simple to operate and assures consistent results when used properly. Refer to IKONICS Imaging photo resist film instructions for specific processing information. Use this unit under safe or yellow light conditions.

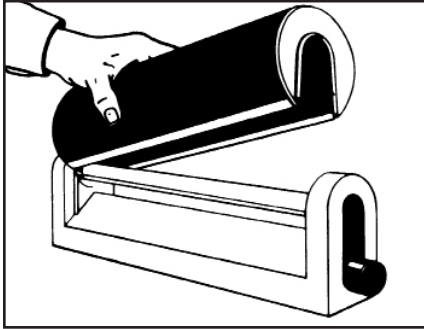


FIGURE A

STEP ONE

Remove the Plexiglas cylinder from the exposure unit base (Figure A). If necessary, clean the Plexiglas cylinder with a mild glass cleaner.

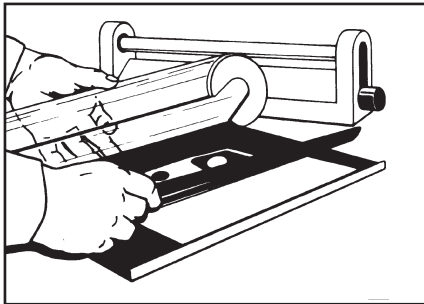


FIGURE B

STEP TWO

Remove the flexible black blanket from the cylinder and lay flat on a table with the thin gray blanket holders facing up. Place the piece of IKONICS Imaging photo resist film on the exposure blanket with the dull side facing up (Figure B). Place your AccuArt film positive, UVII vellum, or PositiveFX with printed side in contact with dull side of the photo resist (do not use transparencies).

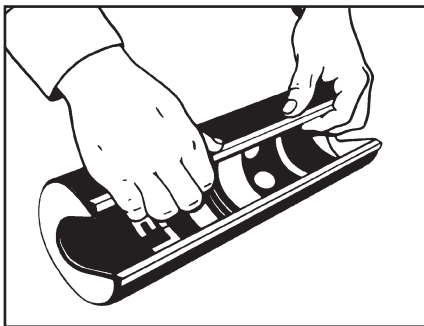


FIGURE C

Take the Plexiglas cylinder and hook it under one of the gray blanket holders. Then simply roll the cylinder over the blanket until you are able to stretch it over the other lip of the Plexiglas cylinder (Figure C).

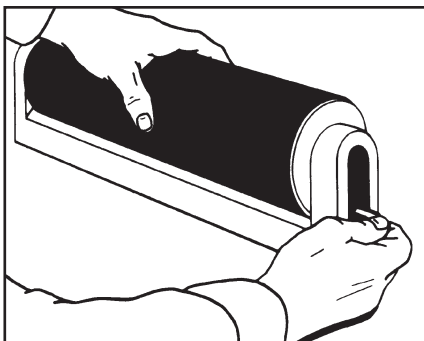


FIGURE D

STEP THREE

Place the Plexiglas cylinder onto the exposure unit base and set timer to desired exposure time (Figure D).

After exposure is completed remove the Plexiglas cylinder and unhook the blanket. Remove the photo resist film for subsequent processing steps.

TROUBLESHOOTING

1. If, during washout, no image develops, check the following:
 - a. Is the exposure unit plugged in?
 - b. Have the photo resist film and photo tool (AccuArt, UVII or PositiveFX) been properly placed in the Letralite? (Sequence should be: exposure blanket, photo resist film, photo tool, Plexiglas cylinder, UV black light.)
 - c. Is the emulsion (printed) side of the positive in contact with the emulsion (dull) side of photo resist film?
 - d. Is the UV black light going on when the timer is set? (A black ring on the far end of each side of the UV black fluorescent light indicates the bulb has aged and needs to be replaced.)
 - e. Is the UV black fluorescent bulb securely in place?

UV BLACK FLUORESCENT LIGHT REPLACEMENT INSTRUCTIONS

Remove the exposure unit end caps (Figure E).
Twist bulb upwards and remove from socket (Figure F).

Please call IKONICS Imaging with any questions on the safe and effective use of this product. 1-800-643-1037

THESE INSTRUCTIONS ARE NOT MEANT TO REPLACE MANUFACTURER'S ORIGINAL INSTRUCTIONS. THEY ARE SOLELY FOR THE PURPOSES OF ASSISTING IKONICS IMAGING CUSTOMERS WITH THE USE OF THE LETRALITE AND PHOTO RESIST FILM.

AS WITH MOST ELECTRICAL APPLIANCES, ELECTRICAL PARTS MAY BE ELECTRICALLY LIVE EVEN WHEN SWITCHED OFF. TO REDUCE RISK OF DEATH BY ELECTRIC SHOCK:

1. ALWAYS UNPLUG UNIT AFTER USE.
2. DO NOT PLACE OR STORE WHERE UNIT CAN FALL OR BE PULLED INTO TUB, TOILET OR SINK.
3. DO NOT USE NEAR OR PLACE IN WATER.
4. IF UNIT FALLS IN WATER, UNPLUG IMMEDIATELY.
DO NOT REACH IN WATER.

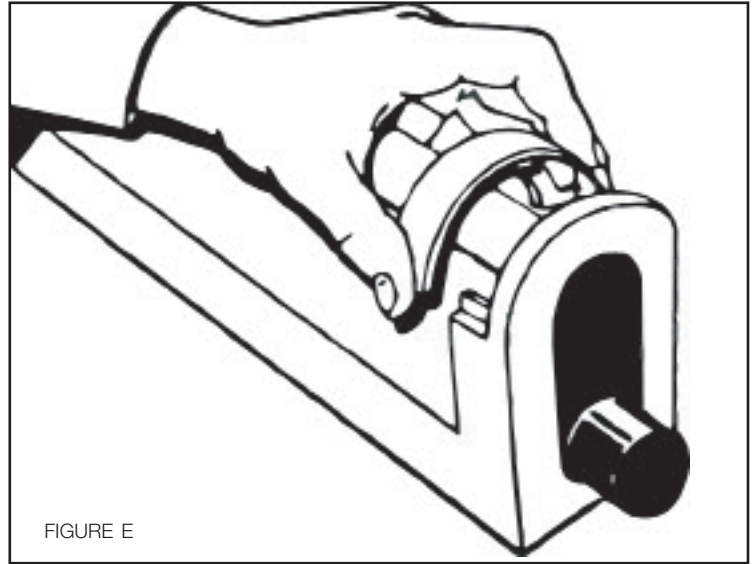


FIGURE E

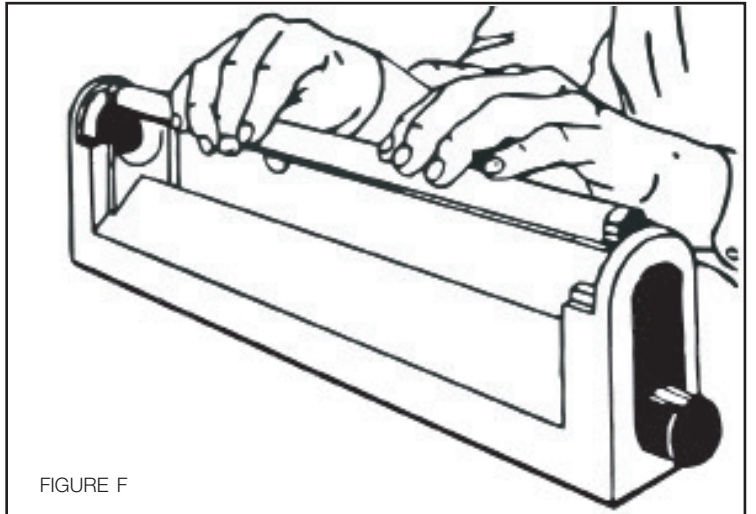


FIGURE F