

LV202E UV Exposure Unit



The **LV202E Ultra Violet UV exposure unit** is a high quality British built UV unit that has been designed for use in the preparation of Photosensitive materials for many industries including:-

- Production of Photo Resist PCB's ie Fortex Microtrak Presensitised Board
- Hot Foil Polymer Plates
- Letterpress Polymer Plates
- Pad Printing Plates (Clichés)
- Sandblasting Stencils
- Glass etching Stencils or Rubber Stamps etc

The UV Fluorescent tubes are in the base which means the artwork has to be registered on the UV sensitive area and then placed face down onto the exposure area. Coloured black, each unit has a hinged lid containing a pressure pad which, when the lid is held closed by the two retaining clips, acts to force the artwork and sensitive material firmly together on the UV illuminated area.

A 1:1 artwork, consisting of opaque transfers on translucent drafting film, is placed on the glass screen and the photo-sensitive material is placed on top. The lid incorporates a foam pad which exerts an even pressure to hold the artwork and photo sensitive material in close contact when closed. Exposure starts automatically when the six minute mechanical timer is rotated to the correct exposure time. The timer clicks off as soon as the exposure is completed.

- Exposure area 240 x 165mm
- 2x 8W Actinic Fluorescent UV tubes with Peak output wavelength 365nm
- Glass plate with high UV transparency for UV-A transmission
- Electronic ballast with no stroboscopic effect and no flicker
- Constant and even pressure from cellular film in lid and glass plate
- All metal construction with Steel case
- Power 2.5mW/cm² with even and high intensity illumination facilitated by high quality reflector
- Mains on/off switch and indicator
- Mains cable and 13A plug
- Weight 4Kg Dimensions of unit 420 x 175 x 90mm