

LV204 UV Exposure Unit



The **LV204 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 Pre sensitised 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. On power up the unit runs through one timing cycle so that the UV tubes are pre heated up ready to give consistent exposure times.

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 when the programmable Digital countdown timer is started after it has been set to the correct exposure time. The timer automatically turns off the UV tubes soon as the exposure is completed.

- Exposure area 356 x 260mm (14 x 10.25")
- 4 x 15W 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 foam in lid and glass plate
- All metal construction with Steel case. Programmable Digital Timer with memory
- Light Power 5mW/cm² with even and high intensity illumination facilitated by high quality reflector
- 230VAC 50/60Hz IEC mains Inlet with fused mains on/off switch and power indicator. Power consumption 70 Watts
- Weight 14Kg Dimensions of unit 515 x 400 x 120mm