

## U. V. Exposure Unit.

300-150 AZ220 Double sided vacuum U.V. Exposure Unit.



The AZ220 double sided vacuum UV should be considered an essential part of any system for manufacturing double sided PCBs. The ability to expose both sides of the board at once eliminates the immense problem of artwork registration for two separate exposures on a single sided unit.

The AZ220 features a low profile steel case with sloping front panel housing, a touch membrane control panel with digital timer. The lid is raised with the aid of gas struts.

Inside flexible Mylar film can be found in front of the tubes in the lid which closes onto a glass base beneath which are located another set of UV tubes.

To commence exposure, the time is set in seconds via a touch membrane control panel and the start button pressed. This activates the integral vacuum pump that removes the air from the chamber ensuring perfect contact between artwork and material to be exposed. Only when a vacuum has been achieved will the tubes activate and the exposure commence. During exposure the time on the display counts down and when complete returns to its original setting. At the same time an exposure complete LED illuminates, the vacuum pump is turned off and a valve automatically releases the vacuum allowing the lid to be raised. The exposure completion indicating LED will remain on and the timer inactive until the lid is raised and lowered, or the unit is turned off and on. This acts as a fail-safe against the possibility of double exposures.

AZ220 supplied complete with an IEC socket and moulded 13 amp plug. 230V 50 Hz

Model	Working Area*	Timer	UV Output	Dimensions	Weight
AZ220	13.8" x 21" 350 x 535mm	0 - 999 Seconds	12 x 20W	720 x 580 x 170mm	25.0 kg

\* vacuum pip is 25mm diagonally in from top left corner of the exposure area.

We reserve the right to amend specification without notice.



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