

# Plate-making Procedure

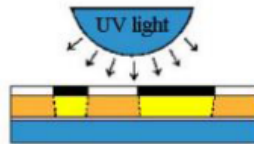
TOYOBO MC Corporation

## 1 Contact with Positive film



Remove cover film gently and place positive film on undeveloped plate. Use positive film having optical density of no less than 3.0.

## 2 Exposure



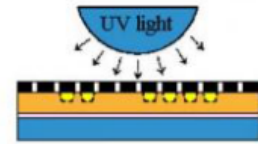
Expose plate, through positive film, to UV light having 360 nm wave lengths for 1-2 minutes.

## 3 Contact with screen film



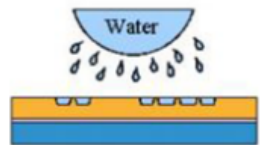
Remove positive film and place screen film on undeveloped plate. 240 and 300 lines per inch screen films are available to be supplied by our distributor in your country.

## 4 Exposure



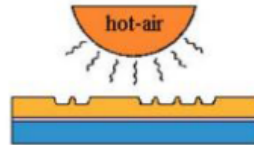
Expose plate, through screen film, to UV light having 360 nm wave lengths, for 5-6 minutes. Give longer exposure time, if shallower cell depth is required.

## 5 Wash-out



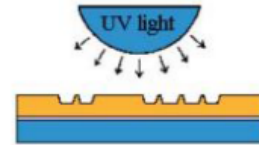
Remove screen film. Wash-out exposed plate with water, at 15-25°C for 0.5-2 minutes. If wash out unit is not available, you can wash out the plate with tap water by brushing.

## 6 Drying



Dry the plate in hot-air dryer after taking-off the surface water by sponge roll or compressed air at 50-70°C for 5-10 minutes.

## 7 Post exposure



Expose the developed plate after washing-out again to UV light in order to get stability for 5-10 minutes.