

EXPOSER MACHINE

Vacuum printing plate exposure machine is used in the printing down in circuit board printing and screen printing. It adopts iodine gallium light ultraviolet spectrum featuring high permeability, fast printing-down speed, high copy quality and even lattice point layout. The operation of the exposure machine is automatically controlled by micro-computer. It also adopts instant-start device, automatic timing device, and digital display. The original plate and sensitive plate are clung together closely with vacuum negative pressure, even and reliable.



SCREEN EXPOSER	SX-1012S	SX-1214S	SX-1315S
Maximum printing-down area	1000x1200mm	1200x1400mm	1300x1500mm
Evacuation rate	1 L/s	1 L/s	1 L/s
Vacuum degree	0 ~ 0.08 MPQ	0 ~ 0.08 MPQ	0 ~ 0.08 MPQ
Light source	Half-power 0.5 ~ 1 Kw; full power 3 ~ 4 Kw		
Weight :	300Kg	320Kg	350 Kg
Overall dimension	1400 x 1200 x 1100mm	1600 x 1450 x 1100mm	1700 x 1500 x 1000mm

SCREEN COATING MACHINE

Screen coating machine is used in the high-precision sensitive emulsion coating of large-sized screen printing plate. All operations of the machine are carried out automatically according to settings, with no need for skillful operating technician. Within its allowable range, the screen coating machine is applicable to screen frames of any sizes and materials.

Our screen coating machine features easy and flexible operation. It is controlled by PLC controller and operated by electronic touch screen. All functional parameters can be preset and digitally displayed. High-quality precision screen plate can be produced without skillful technicians. The clamp and release of the screen frame are conducted by the pneumatic chuck controlled by foot switch, providing convenience to the hands' holding the screen frame.

The screen coating machine controls the coating thickness by the setting of coating pressure and number of coating times (4~35 μ). The operator can select single-side coating or synchronous double-side coating. The coating time of each side can be set respectively. The lifting speed and descending speed can be regulated steplessly. The perfectly straight scraper can coat the emulsion precisely evenly onto the screen plate. Before finishing the coating movement, the scraper automatically moves to the position 15mm away from the frame, dispensing with additional edge coating. A stainless-steel bottom slot is attached to prevent the drippage of emulsion.

The outer surface of the coating head is treated with plastic spraying to avoid chemical corrosion. When the number of coating times is completed, the buzzer rings automatically, so you can handle other work while the screen coating machine is running. The whole-set Japanese SMC pneumatic components improve the reliability and stability of the machine and reduce the operation noise.



Model : COATING MACHINE	SCoater 1100
Maximum screen frame size (mm)	1800x1400
Maximum coating size (mm)	1600x1200
Applicable screen frame thickness (mm)	20 ~ 40
Coating speed (mm/s)	0 ~ 99
Number of coating times presettable (times)	0 ~ 20
Total weight (Kg)	500
Overall dimension (L x b x h)mm	2600x620x2250

Remarks: Specifications listed above are for refer only and be subjected to changes without any prior notice.