

TX-SB1215A Precision Plate Exposure Machine

Parameter Description



★ Scope of application

Mainly used for exposure of screen printing screen patterns in the screen printing industry .

★ Key Features

- 1、A series printing plate exposure machine has the advantages of uniform light intensity, stable light quantity control, stable light source wavelength, high vacuum degree, etc., which is suitable for screen exposure of high-precision lines, dots and high-density mesh lines.
2. The screen printing plate exposure machine is mainly composed of lamps and controllers. The light source is a special metal halide lamp with a wavelength range of 360-400nm and high luminous efficiency.
3. The screen plate exposure machine adopts imported aluminum reflectors, which have the characteristics of high reflective efficiency, not only saving energy consumption, but also improving the service life of the lamp.
4. The vacuum absorption time and exposure can be set in one time through the controller on the control panel.
5. Printing plate exposure machine, screen printing plate exposure machine, screen plate exposure machine adopt imported excellent rubber cloth materials, which greatly enhances the vacuum absorption quality and greatly improves the exposure quality.
6. The exposure time can be adjusted freely, can be operated manually, and the operation is simple and easy to understand. It is suitable for high-quality screen exposure such as screen printing and printed circuit boards. The screen plate exposure machine has a favorable price and first-class quality.
7. Equipped with automatic light-shielding door, suitable for continuous exposure, smooth body paint, fine workmanship, no roughness, low price, etc.
8. Use Taiwan imported rubber cloth, which is soft and elastic, soft and durable, with

excellent sealing and adhesion.

9. After the vacuum suction process is completed, the exposure process begins, and the vacuum adsorption and exposure processes are integrated.

10. Adopting iodine gallium lamp imported from Beijing Blue Sky, which has long exposure time and is durable;

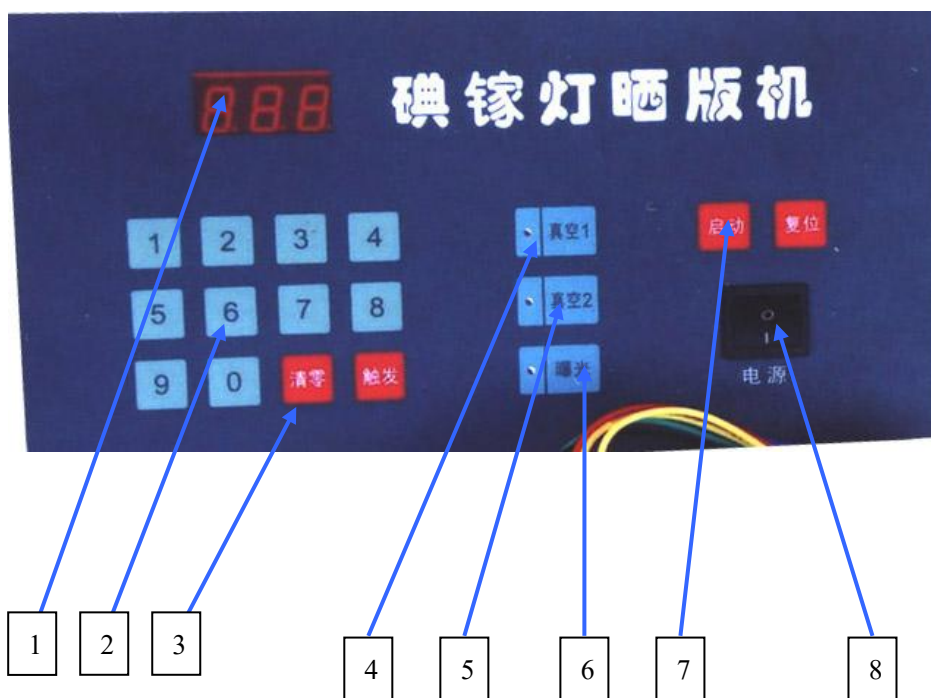
11. The exposure glass is made of 10mm thick float glass, which has good light transmittance and is flat to ensure exposure accuracy.

★ Main parameters

model	TX-SB1215A
Exposure stage size	1200*1500 mm
Maximum exposure area	1000*1300 mm
Exposure Power	3 KW
Machine Features	Exposure to high precision screen, glass and stainless steel plates, etc.
Exposure time	30-55 seconds
Exposure uniformity	More than 85%
Line width distance	3-4miao
Vacuum speed	0-140kpa
Light source wavelength	In the range of 350-450nm
Exposure time error	<0.5
Working noise	<60db
Lamp cooling	Imported fan cooling box system
Motor	Taiwan Donling Electric

Vacuum Pump	Oil-free vacuum pump
power supply	220V/50HZ
Packing size	160 * 130 * 105 cm
weight	220 kg

Names of computer operation panel parts:



- 1 The time display shows the vacuum time and exposure time.
- 2 Exposure/vacuum time setting Press this button to set the exposure or vacuum time value. The displayed data unit is seconds, and the setting range is 001~999 seconds.
- 3 Clear the previously set time
- 4 Vacuum 1 setting Press this button first, the red light will appear, and you can set the vacuum 1 time
- 5 Vacuum 2 setting Press this button first, the red light will appear, and you can set the vacuum 2 time
- 6 Exposure time setting Press this button first, the red light will appear, and you can set the exposure time

- 7 After setting the vacuuming and exposure time, just press start and the computer will automatically complete the rest.
- 8 Power switch

How to use the device:

- 1、 Turn on the main power switch and press the main power start button, the light registration table will automatically turn on, making it convenient to align the screen and negatives.
- 2、 After the screen and film are calibrated, cover the rubber frame, hook the lock to start closing the exhaust valve, and the vacuum suction pump will automatically turn on. When the vacuum suction time is up, the exposure light will start to expose. After the exposure is completed, the exhaust valve will open to exhaust, and the entire platemaking process will be completed.

Note:

- 1、 When the exposure light is on, try to avoid direct exposure to your body and eyes.
- 2、 The temperature of the exposure lamp is relatively high. Please pay attention to whether the cooling fan of the exposure lamp is operating normally. If not, the exposure lamp may easily burn out.
- 3、 The power supply of this equipment is single-phase 220V/20A. To avoid leakage and interference, please make sure to connect the standard ground wire when installing the power supply.
- 4、 When replacing the exposure lamp, do not touch the glass part of the exposure

- lamp directly with your hands. Please hold the ceramic parts at both ends.
- 5、 After each exposure operation is completed, continuous exposure operation can be performed.
 - 6、 The rear of the machine should be at least 15 cm away from the wall to facilitate heat dissipation.
 - 7、 Please note that when placing the screen frame before and after exposure, do not drag the screen frame to avoid scratching the glass surface.
 - 8、 If the equipment is moved or relocated, be sure to readjust the level.

Equipment maintenance:

- 1、 Please use glass cleaner and dust-free paper or cloth to wipe the glass part.
- 2、 The surface of the equipment can be wiped with neutral detergent and water.
- 3、 Do not oil or touch the hydraulic struts of the glass frame to avoid damage.

★Corporate image





★ Company Honors



★ After-sales service instructions

- ① For all factory products, our company can provide installation, commissioning and technical training.

- ② After installation and commissioning, free warranty for one year (excluding wearing parts and man-made damage) and lifelong maintenance.
- ③ Conduct maintenance visits, on-site operations and technical training at irregular intervals.
- ④ After-sales service content:
 - ▲ If the equipment fails, we will first communicate by phone. If the problem cannot be solved, our company will arrive at the site as soon as possible to solve it.
 - ▲ After-sales service includes not only equipment repair and maintenance, but also dedicated support for process technology. Our technicians can conduct on-site technical training and provide a full set of screen printing process technology, information and equipment solutions.
 - ▲ Professional technicians visit from time to time to track the usage of user equipment.
 - ▲ Repair and maintenance of screen printing equipment and auxiliary equipment.
 - ▲ Design and customize special product screen printing equipment and auxiliary equipment.