

Dongguan Shenghuangke Industrial Co., Ltd.

Product User Instructions and Requirements

1. Applicable Machine Models:

- The instructions apply to all industrial-grade inkjet print heads.

2. Installation Environment Requirements:

- Use in an environment with minimal dust. Avoid placing near electric fans or engraving machines to prevent dust circulation.
- Ambient temperature: +20~+30°C (68°F ~ 86°F), Humidity: 35%-65%.
- Ensure a 1.5-meter space around the printer.

3. Pre-Installation Preparation:

- **Computer Requirements:**
 - CPU: I7
 - Mainboard: B85
 - RAM: 8G
 - Hard Drive: >500G
 - Graphics: 2G discrete
 - System: WIN7X64
- **Power Requirements:**
 - Machine: 220V10A
 - Suction Fan: 220V15A
 - Earth Wire: 1.5 meters deep underground

4. Crane Operation Precautions:

- Avoid contact between the crane rope and the areas marked in the pictures

provided.



5. Regular Maintenance:

- **Daily Maintenance:**
 - Due to the precision of the print head, careful maintenance is required.
 - Check the print head status chart at startup, after 3-4 hours of use, and before shutdown to ensure consistency.
 - Cover the machine with a light-proof cloth after shutdown, with the silver side facing out.

- **Weekly Maintenance:**
 - Clean the external surface and platform of the machine.
 - Clean the waste ink cartridge and apply oil to the X guide rail (use needle truck oil or sewing machine oil).
 - Replace the filter screen weekly to prevent ink splatter during printing.

- **Monthly Maintenance:**
 - Check the UV lamp refrigerator's antifreeze level and the nozzle constant temperature water tank level monthly.
 - Replace the antifreeze in the heating box (distilled water can be used in summer).

6. Ink Storage:

- Store the ink in a place away from direct sunlight and with low humidity.
- Handle the ink bottles carefully to prevent drops or impacts.
- Use the ink within one month after opening; do not add unused ink back into the machine.
- Clean the large ink cartridges approximately every six months.

7. Maintenance According to Requirements:

- Clean the LED UV device regularly to remove any attached ink or dust. Replace parts if there is significant dirt accumulation (SPA-0290 LED glass).
- Remove any ink attached to the work table with a clean cloth soaked in alcohol. Be careful not to damage the table surface.
- Clear any blockages in the adsorption holes on the work table.
- Clean the bottom of the carriage as needed, using a lint-free cloth soaked in alcohol, being careful not to wipe the print head.