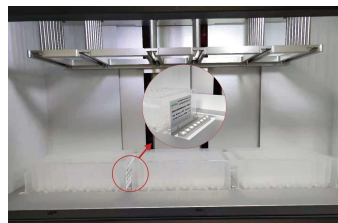
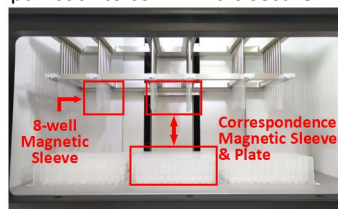


S-48

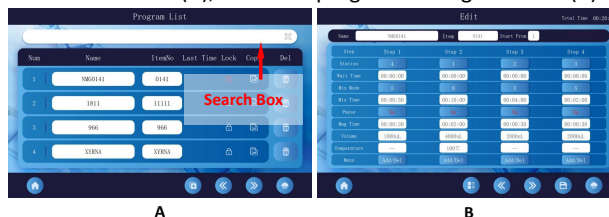
Quick Start Guide



- Select the insertion position above the deep-well plate. Press the handle to insert the 8-well magnetic sleeve, then gently pull back to confirm it is secure.



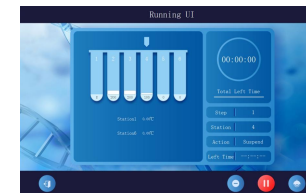
- Close the chamber door. Open the Program List, select the required program, or search by experiment name using the white search box (A), enter the program editing interface (B).



- Click Start/Pause. A prompt will confirm that the program has been saved. Click Start/Pause again. When the pop-up window asks whether the magnetic sleeve is installed, **select the corresponding module, Then '✓'**. The instrument will start running.

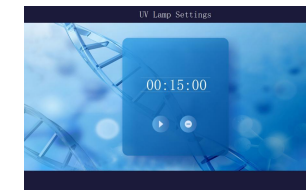


- During operation, the interface displays the total remaining time, current step, workstation, and action. At this time, The Start/Pause button is red. To observe the internal operation, Click to turn on the LED light.



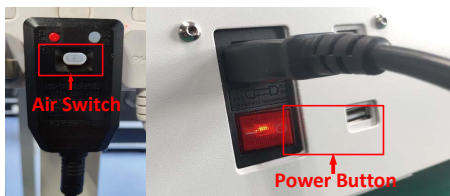
- When extraction is complete, the countdown reaches zero, the system returns to the program editing interface, and a buzzer sounds. Open the chamber door and remove all deep-well plates and magnetic sleeves.

- After the experiment, click to return to the main interface. Select UV Lamp, set the irradiation time, and click to start the UV lamp. The lamp will turn off automatically when the countdown ends. **Note:** The chamber door must be closed during UV irradiation.

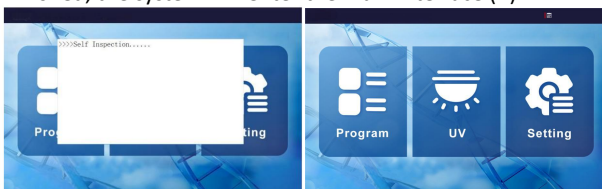


Operating Instructions

- Connect the power cable, press the air switch, and then press the power button. (The air switch indicator light turns red)



- Wait for the self-check to complete (A). Once the self-check is finished, the system will enter the main interface (B).



A: Self-check

B: Main Interface

- Open the chamber door and remove the sealing film. Place the reagent-containing deep-well plate into the designated position according to the kit instructions, with the label side facing the right side of the S-48.

Safety Precautions

- Read the user manual and complete operator training before use.
- Do not operate the instrument with wet hands.
- Do not touch the heating block during operation.
- Always install magnetic sleeves to prevent contamination of magnetic rods.
- Ensure the deep-well plate is placed level to ensure proper magnetic separation.
- Do not spray disinfectants inside the instrument. Clean spills immediately.
- Clean internal workstations and tracks regularly.
- Use nucleic acid decontaminant regularly to reduce aerosol contamination.
- Do not open or service the instrument unless authorized.
- In case of malfunction, power off and contact technical support