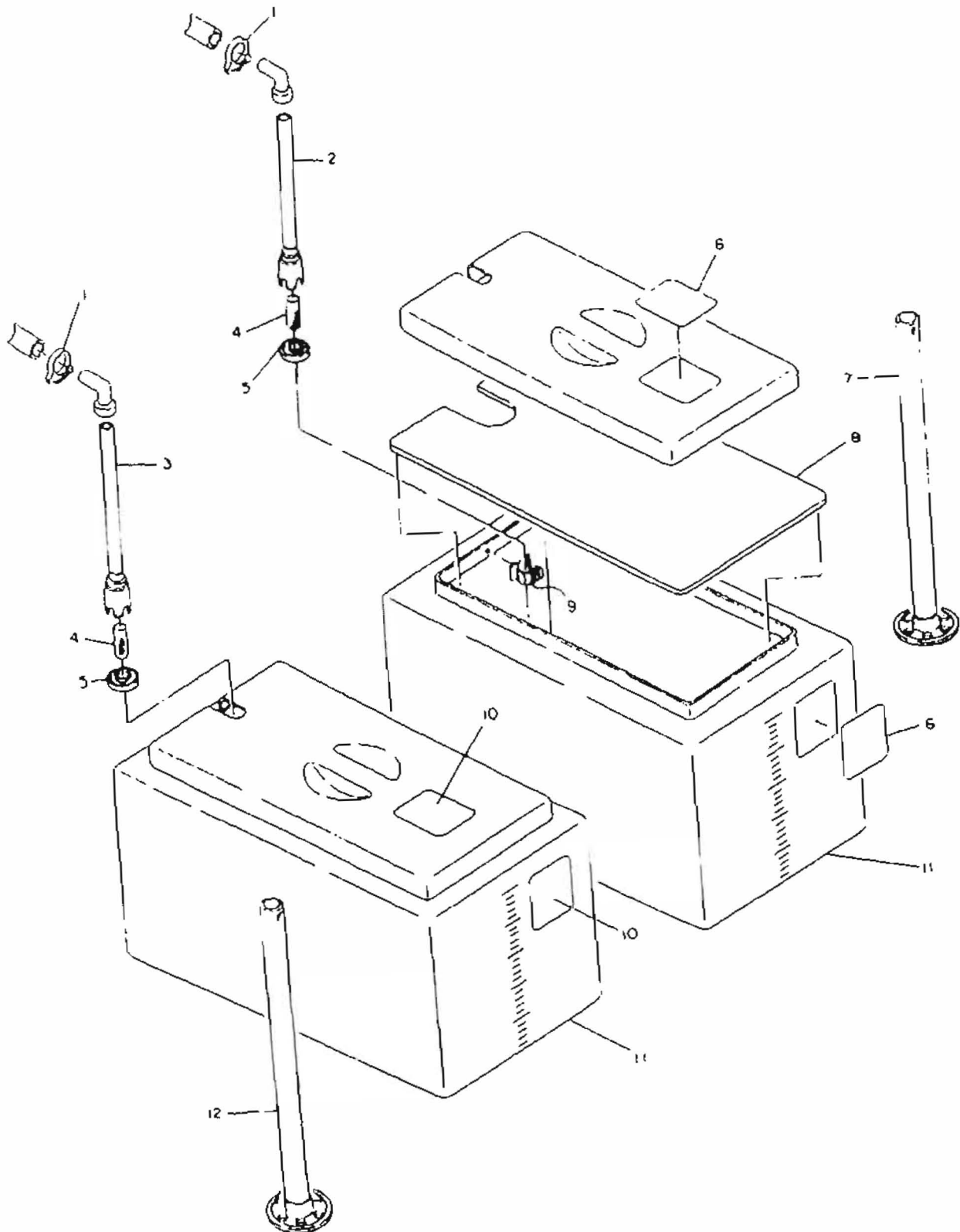


SRX 101A Installation instructions

25 l Replenisher Tank

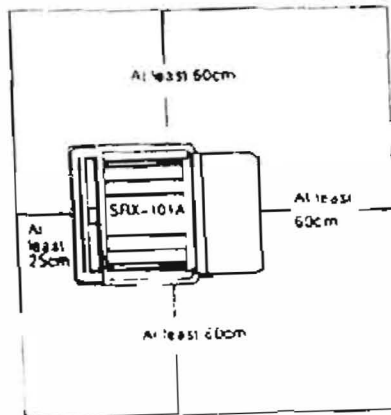


INSTALLATION INSTRUCTIONS AND PRECAUTIONS

13. Installation Instructions and Precautions

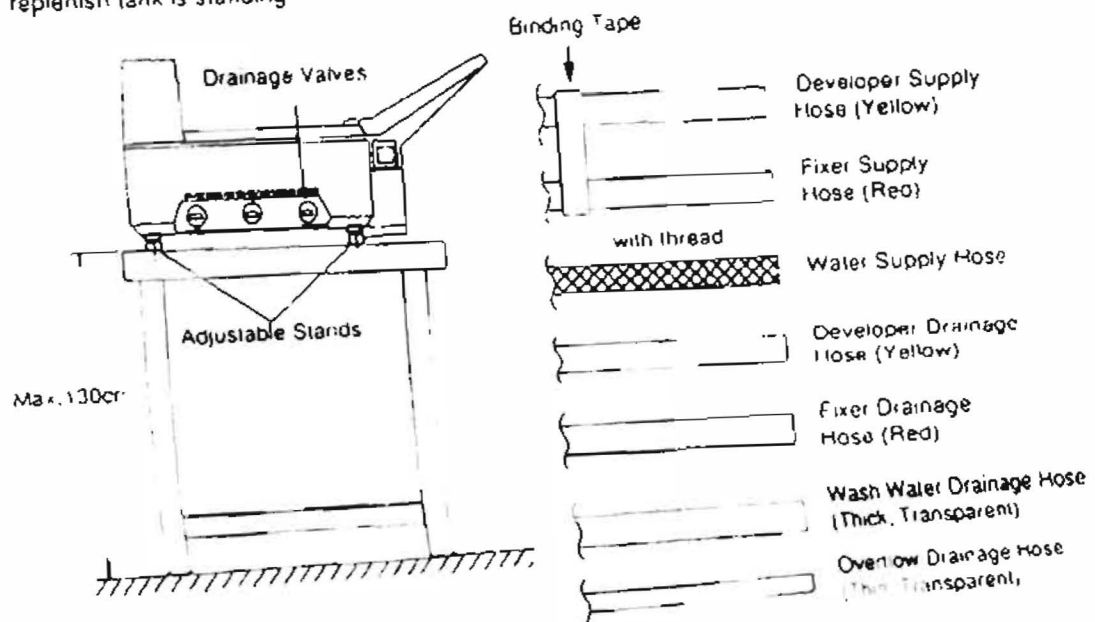
13-1. Space Requirements

The accompanying diagram shows the minimum space required to operate, maintain and repair the SRX-101A. Any space smaller than these dimensions will result in longer shutdown times during maintenance and repair.



13-2. Setting the Main Unit in place (Refer to the Diagram Below)

- ① Place the Main Unit on the Stand (Option), a desk or a work bench so that the supply and drainage valves are easily accessible.
- ② The SRX-101A, when filled with processing solutions, weighs approximately 47 kg. Make sure that the support to be used is more than capable of bearing this weight and also resistant to the corrosive effects of the developer (PH 11) and fixer (PH 4) chemicals.
- ③ Do not install the processor in high vibration areas or where it cannot be properly leveled.
- ④ Place the SRX-101A at a height from the floor that fulfills both of the following conditions:
 - a. The liquid surface inside the replenisher tank is below the full marks of the main unit processing tanks.
 - b. The top of the main unit support is less than 130cm from the floor or other surface where the replenish tank is standing.



- ① Connect the supply hoses to the 25 liter replenisher tank.

YellowDEV Supply Hose.

RedFIX Supply Hose.

- ② Use SNP-12-HSO to clamp the hoses to the tank

NOTE :

Do not extend any of the hoses more than 5 meters in length. If these 12 mm diameter hoses are extended longer than 5 meters, they tend to bend and collapse.

13-4. Connecting the Drainage Hoses

- ① Connect the drainage hoses to the **DRAIN**.

YellowDEV Drainage Hose

RedFIX Drainage Hose

Transparent(Thick) • Water Drainage Hose.

Transparent(Thin) • Overflow Drainage Hose

- ② String the chemical and water drainage hoses so that no liquid will accumulate in the hoses between the main unit and the drainage tank or the water drain.

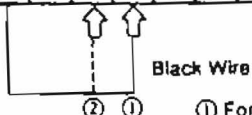
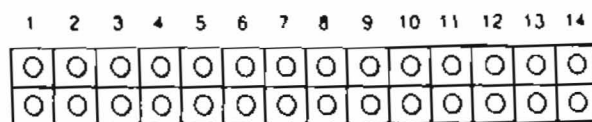
13-5. Power Source and Wiring

- ① Changing the terminal Board to Meet Voltage Requirements

Follow these procedure in changing the connection to terminal board

TB1 located on the top of the electrical components unit.

UL Version



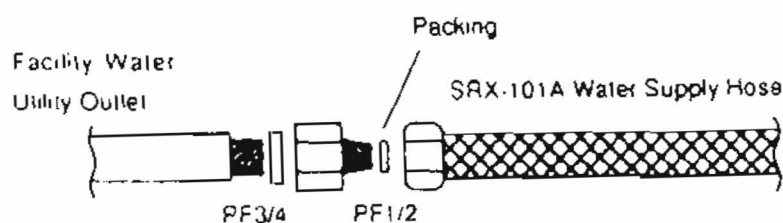
① For AC 120V outlets, connect terminals #5 and #8

② For AC 115V outlets, connect terminals #5 and #7.

INSTALLATION INSTRUCTIONS AND PRECAUTIONS

13-7. Water Lines

- ① Connect a reducer bushing with a packing to the facility's water utility outlet
- ② Connect the processor's water supply hose to the reducer bushing.



- ① Acceptable Wash Water Temperature 5°C~30°C (41°F~86°F)
Required Water Flow 0.7~1.7 ℓ (0.19~0.47gal)/min
Required Water Pressure 29.4~784kpa(0.3~8kgf)/cm²
- ④ If water pressure is below 29.4kpa(0.3kgf)/cm², over 0.7 ℓ (0.19gal)/min Wash water cannot be maintained.
In this case, a malfunction may occur. Increase the water pressure
- ⑤ If water pressure is exceeding 784kpa(8kgf)/cm², use flow restrictor to reduce the water pressure.
Excessive water pressure applied to the water line may cause the damage of the hoses

13-8. Setting the Feed Tray in Place

- ① Use the pan-head screws provided to attach the feed tray to the main unit.
- ② Control panel can be attached to either side of the main unit
Select the side which is more convenient to operate, considering the operating environment

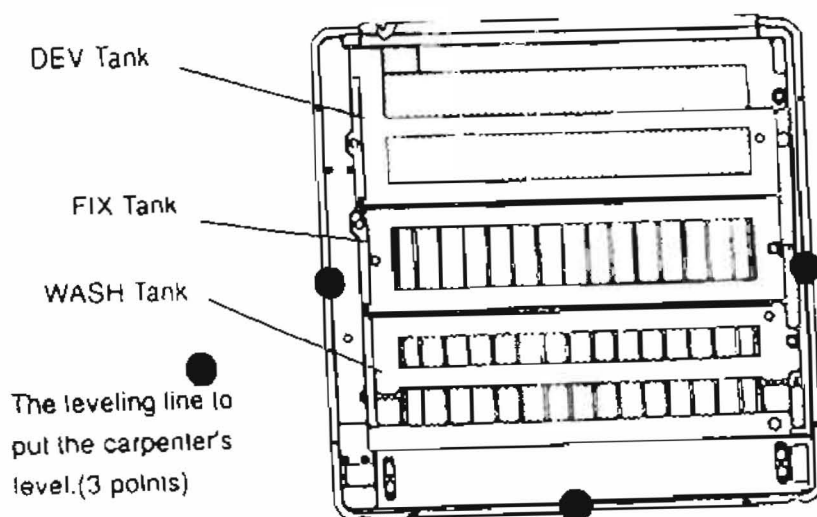
13-9. Cleaning the Racks

- ① Remove the DEV and FIX racks from the main unit
- ② Scrub each rack(including the rollers) with a wet sponge to remove any dirt or grim and then rinse with plain water. Lean the racks so that the remaining water can evacuate from the racks.

INSTALLATION INSTRUCTIONS AND PRECAUTIONS

13-10. Leveling the Main Unit

- ① Use a carpenter's level. Turn the adjustable legs supporting the main unit to balance the processor vertically and horizontally.
- ② If the carpenter's level is not available, fill the tanks with a solution up to the indicator mark, and check the level of the solution at 6 different points on the leveling lines which are located at right and left inner side of the DEV, FIX and WASH tank and adjust if necessary



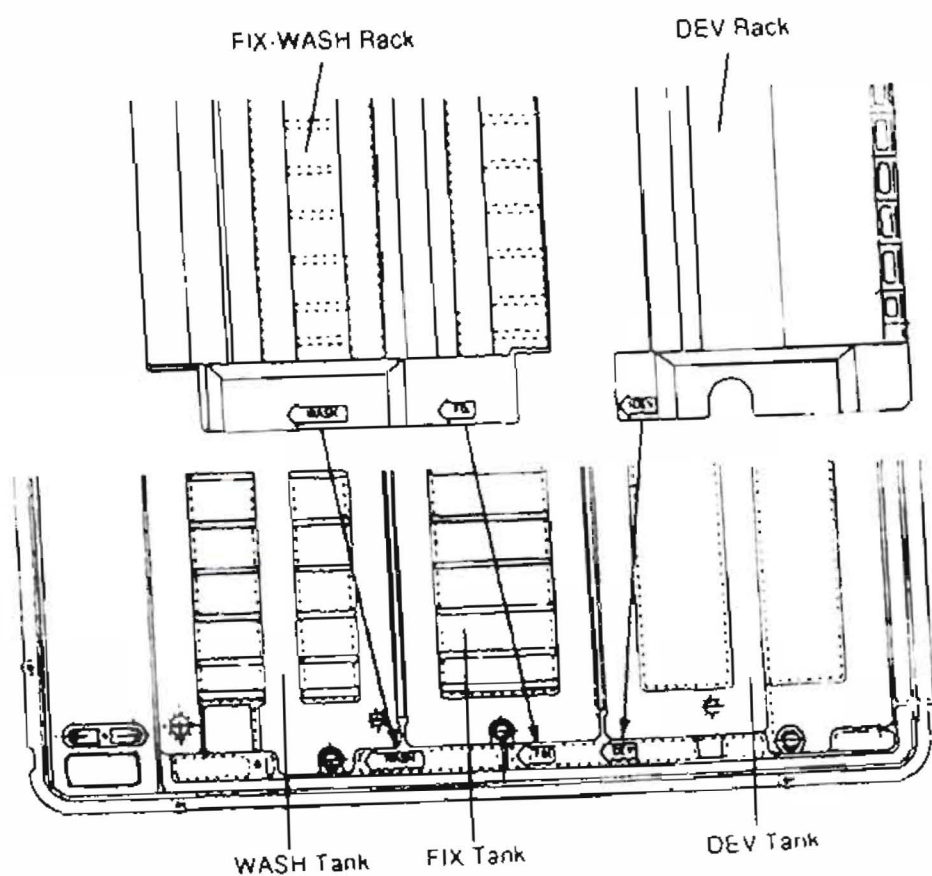
INSTALLATION INSTRUCTIONS AND PRECAUTIONS

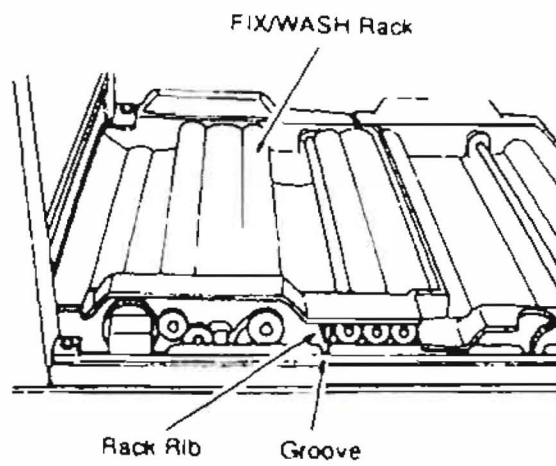
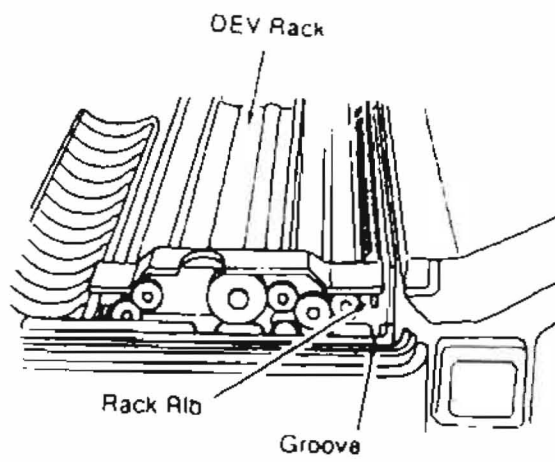
13-11. Setting the Racks

Make sure that there is no excess water remaining in the racks before setting them into the main unit. The racks have been designed so that the DEV rack is set first, then the FIX-WASH rack can be inserted. They cannot be set in the reverse order.

Set each rack into the main unit so that the arrows and names on the rack exactly overlap the arrows and tank names on the main unit. (Refer to the diagram below)

If the arrows and names do not exactly match, the rack ribs will not slide into their grooves and the racks will wobble in the tanks.





13-12. Mixing the Processing Chemicals

When Using the 25 Liter Replenisher Tank, follow the direction that come with each pack of developer and fixer

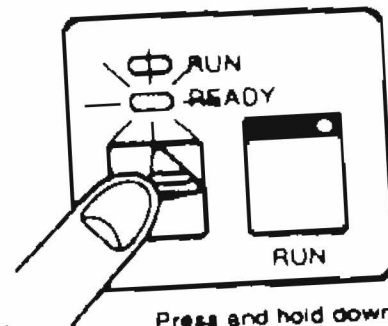
13-13. Filling the Tanks

a. Normal Procedure

- ① Remove the top cover of the main unit
- ② Close all the drainage valves
- ③ Open the facility's water utility valve
- ④ Plug in the power cord.



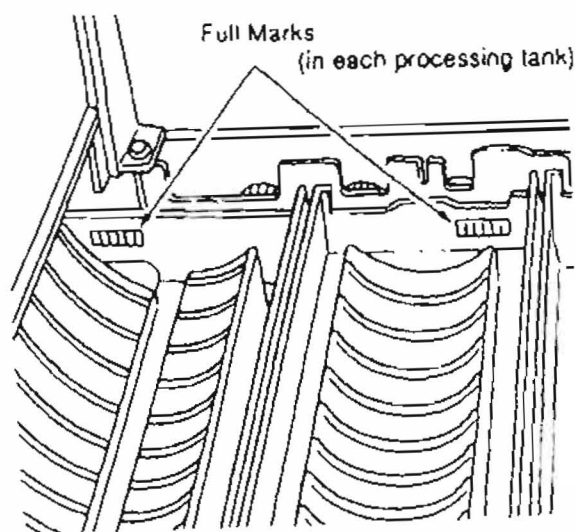
- The RUN Button Lamp on the control panel will light up
- NOTE Do not press the RUN Button.



- ⑤ Press and hold down the Replenishment Button (about 5 seconds) until the READY Lamp begins flashing
- The tanks will begin to be supplied with processing solution until the READY Lamp stops flashing, indicating that the tanks are full. This process takes about 22 minutes at 50 Hz and about 18 minutes at 60 Hz.

- ⑧ Close the top cover

INSTALLATION INSTRUCTIONS AND PRECAUTIONS



b. Quick Procedure

If you are in a hurry to fill the tanks, you can use the funnel provided to fill the tanks manually. Begin the following procedures with only the DEV rack set in place.

- ① Push the OFF side (O side) of the power breaker
- ② Fill the FIX tank with solution up to the full mark, being careful not to splash any of the solution into the DEV tank.

NOTE Wash the funnel thoroughly after use

- ③ Set the FIX-WASH rack into the tank, being careful not to splash any of the solution.
- ④ Fill the DEV tank with solution to just slightly overflow the tank.
- ⑤ Use the beaker provided to measure out the specified quantity (ex. 78 ml) of starter.
- ⑥ Pour the starter into the DEV tank through the starter fluid inlet.

NOTE :

"Air lock" may occur after finishing this procedure. Be sure to activate the Circulation pump to check if the solutions circulate normally.

13-14. Operation Testing

- ① Press the RUN Button ON.
 - The RUN Lamp will light up.
- ② Wait until the READY lamp lights up.
- ③ Remove the main unit's top cover
- ④ As soon as the processor is READY, insert a few sheets of test film through the feed tray and check the following operations:
 - a. Are the rollers rotating smoothly?
 - b. Are the processing solutions circulating in the tanks?
 - c. Is the DEV temperature at the correct level when the READY lamp comes on?
 - d. Is the test film entering the processor smoothly?
 - e. Is the alarm sounding after the trailing edge of the film enters the processor? (See p. 50)
 - f. Are there any leaks in piping system?