Konica Processors with Problems

Safety considerations: If you are not comfortable working with the processor and the chemistry then call on a qualified professional to follow the steps below. Always wear rubber gloves and safety goggles when working with chemical solutions. The fixer and developer are equally harmful if splashed into the eyes or other sensitive areas.

Note regarding Fixer: These instructions are for the developer only. Fixer is much more stable than developer but it too can become exhausted and will not work correctly. If this is the case the images will have a milky colour or they will have a pink/milky colour. this means that the unexposed emulsion has not been cleared off the base. Immerse the films into fresh fixer to remove the unexposed emulsion and then proceed to follow the same steps as described for the developer but replacing the fixer with fresh chemistry.

Developer Replacement: The first sign that you have a processor problem is always the look of the images. If the processor is cleaned regularly and the chemistry is fresh the unit should maintain the quality of the developer with the activity of the replenishment. However, if for some reason the developer in your processor has turned dark brown and your images look "washed out" then it is time to change the Developer and replace it with fresh chemistry.

First check the condition of the replenishment chemistry contained in the tanks below the processor. If it is discoloured then the entire system requires cleaning so the replenisher tank should be emptied as well as the tanks in the processor (see instructions below).

Procedure if just the working chemistry is contaminated.

1. Open the **Developer** drain valve on the processor (it is clearly labelled). Let the developer drain out and wait for about 5 minutes to allow the recirculation tank to drain as well. It is located beneath the main developer tank and is enclosed so you cannot see it.

2. Close the developer drain valve and fill the developer tank with fresh water. Take care to contain the water within the developer tank. Do not allow it to splash into the fixer tank and dilute the fixer.

3. Turn on the processor and press "Run". This will allow the recirculation tank to be rinsed out as well as the upper working tank.

4. Now drain the tanks again and repeat this procedure until the rinse water is clear.

5. Drain the tanks again and close the drain

6. Now add fresh developer to the upper tank within the processor. Since you are also filling the recirculation tank you will need to add about 13/4 gallons (9 litres) of Developer in order to fill the tank sufficiently. Remember that the rollers still have

to be installed into the tank and they take up space.

7. DO NOT OVERFILL THE DEVELOPER TANK AND DO NOT ALLOW THE DEVELOPER TO SPLASH INTO THE FIXER TANK!.

Procedure if the replenisher tanks are contaminated as well as the working tanks

Empty the replenisher tanks and fill to about 3 inches (7.62 cm) of water.

Open the **Developer** drain valve on the processor (it is clearly labelled). Let the developer drain out and wait for about 5 minutes to allow the recirculation tank to drain as well. It is located beneath the main developer tank and is enclosed so you cannot see it.

Close the developer drain valve and fill the developer tank with fresh water. Take care to contain the water within the developer tank.   Do not allow it to splash into the fixer tank and dilute the fixer.

Turn on the processor and press the button marked with the chemistry flask. This will draw water from the replenishment tanks. Now press the run button and recirculate the water throughout the whole system.

Once the water runs clear drain the tanks and empty the replenishment tank. The small amount of water left in the tubing will not dilute the chemistry appreciably.

Fill the replenishment tank with fresh chemistry.

Dip a 1 litre (1 quart) container into the fresh chemistry and fill the upper tanks. You will require about 9 litres of chemistry to fill both the recirculation tank as well and the working tank.

Now when your processor reaches the correct temperature you will be good to start processing images again.