



## REFILLABLE CARTRIDGE SYSTEM FOR THE EPSON PHOTO R3000

### INSTALLATION INSTRUCTIONS AND USER GUIDE

Thank you for purchasing a Refillable cartridge system for the Epson Photo R3000. You have just taken the first step to enjoying the cost saving and superior performance benefits of using Ink2image bulk ink. Refillable cartridges are simple to install, easy to use and will provide you with many hours of trouble free and lower cost printing. However, the successful use of the system is dependent on how accurately you follow this guide during installation. Please read these instructions and familiarize yourself with the system components before you start the installation. Please also remember that you are now about to start working with bulk ink instead of sealed cartridges. During refilling, protect the area around your printer in case of ink spillage and wear the gloves included with the kit. Have a roll of paper towel handy. Remember, accidents can happen!

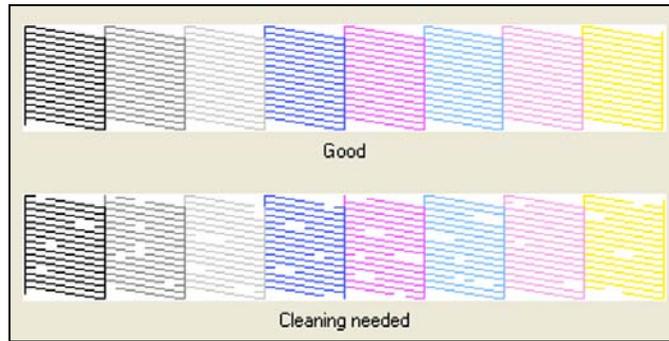
It is not necessary to install all the refillable cartridges at the same time on the Epson Photo R3000. The Ink2image refillable cartridges work fine alongside original cartridges, so colors can be changed out one at a time to enable existing inks to be used up. Ink2image inks for the R3000 are color matched to, and mixable with, the original Epson Ultrachrome K3 inks, unless otherwise specified.

#### SYSTEM COMPONENTS

1. 9 x Refillable cartridges.
2. 9 x Syringes.
3. 9 x Syringe needles.
4. Pair of gloves.
5. 4 x syringe tapered end adaptors.
6. Chip reset tool (not shown)



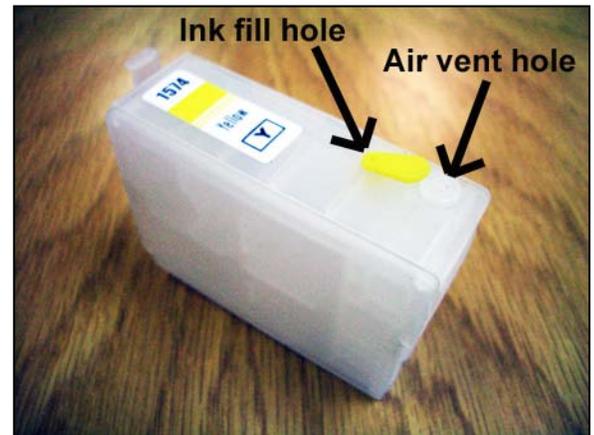
Before starting the installation, print a good nozzle check print using the existing inks installed on your printer. Write the date on the print and keep it. No warranty claim regarding the refillable cartridge system will be accepted unless it is supported by a good nozzle check print produced before the system was installed. The utility for producing a nozzle check print can be found under the 'Maintenance' or 'Utilities' tab of the Epson print driver software supplied with your printer. A good nozzle check will look like the image below:-



## FILLING THE CARTRIDGES WITH INK

Filling the refillable cartridges is very simple, and is done by injecting ink through the ink fill hole on each cartridge using the syringes with needles fitted that are supplied with the kit. The first time you fill a cartridge, there are two additional steps that need to be performed before installing it in the printer.

Before filling a cartridge, familiarize yourself with two holes and rubber bungs on the top surface. The ink fill hole with the colored rubber bung is used when filling the cartridge with ink. The rubber bung should always be in the ink fill hole when it is in the printer or the cartridge may drain out into the printer. The air vent hole with the white rubber bung is used to allow air to enter the cartridge while printing. The white rubber bung should always be removed from the air vent hole when you are printing or else the printer won't print. The only time it is advisable to insert the bung in the air vent hole when the cartridge is installed in the printer is when you want to leave the machine unused for an extended period of time – this will stop any ink evaporation. It is also advisable to insert the rubber bung in the air vent hole when you remove a cartridge from the printer for refilling. Avoid touching the cartridge chip during refilling to reduce the risk of shorting out a chip through static discharge.



Place the cartridge on some paper towel with the ink fill hole upwards as in this picture, and remove the rubber bung from the ink fill hole.



Turn the cartridge over and use a syringe needle to pierce a small hole in the film over the ink exit port. Do not push the needle into the cartridge – just use enough pressure to make a hole in the film. Do not try and remove the film from the port. After making a hole in the film, turn the cartridge back upright.



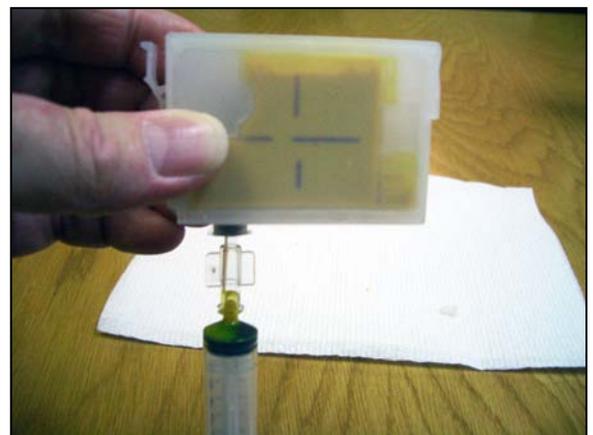
Using a clean syringe with needle fitted, draw up 10 ml of ink from the correct color ink bottle. Double check that you are using the correct color ink corresponding to the color of the cartridge – filling the wrong color ink into a cartridge will mean that the cartridge has to be replaced. Gently inject the ink into the cartridge until the syringe is empty, as in this picture.



Refill the syringe with another 10 ml of ink and continue injecting ink into the cartridge. This will nearly fill the cartridge. Insert the colored bung back into the ink fill hole and remove the white bung from the air vent hole. Use paper towel to wipe up any ink that may be on the top surface of the cartridge or around the fill hole.



This next step is only necessary when filling a cartridge for the first time. When you refill a cartridge, you simply need to perform step 1 only and fill the cartridge as full as possible with ink. Take the syringe you just used to fill the cartridge with ink and remove the needle from the tip. Push a clean tapered end adaptor on to the syringe tip. Hold the cartridge in an upright position and gently insert the tapered adaptor through the hole in the ink exit port film and up into the cartridge about ¼", as in this picture. Gently pull down on the syringe plunger to remove air from the cartridge. Keep pulling on the syringe plunger until you get a steady, bubble free flow of ink into the syringe.



Remove the syringe and adaptor from the cartridge and return the ink in the syringe back to the bottle of the appropriate color. Remove the adaptor from the syringe tip and rinse clean with water under a faucet. Re-install the filling needle on to the syringe tip. Re-insert the white rubber bung in to the air vent hole. Remove the colored rubber bung from the ink fill hole. Draw up another syringe full of ink from the bottle and inject ink into the cartridge until it is completely full – you may find it helps to tilt the cartridge at a slight angle as in this picture. Return any remaining ink in the syringe to the ink bottle of the appropriate color and insert the colored rubber bung into the ink fill hole. Use paper towel to clean up any ink on the top of the cartridge. Rinse out the syringe and needle with water under a faucet, and store somewhere clean ready for when you need to refill the cartridge.



Fill all the cartridges you intend to install at this time. Use a clean syringe, needle and end adaptor for each ink color and always double check that you are filling the correct color ink into the correct color cartridge.

### INSTALLING THE CARTRIDGES INTO THE PRINTER

Install the cartridges into the printer as you would with an original cartridge. The display on the printer and the driver ink monitor software should show the ink level as completely full the first time you install a cartridge. Remember to remove the white rubber bungs from the air vent holes before you close the cartridge bay lid. As mentioned above, the only time that you should insert the rubber bungs into the air vent holes when the cartridges are installed is if you intend to not use your printer for an extended period of time.

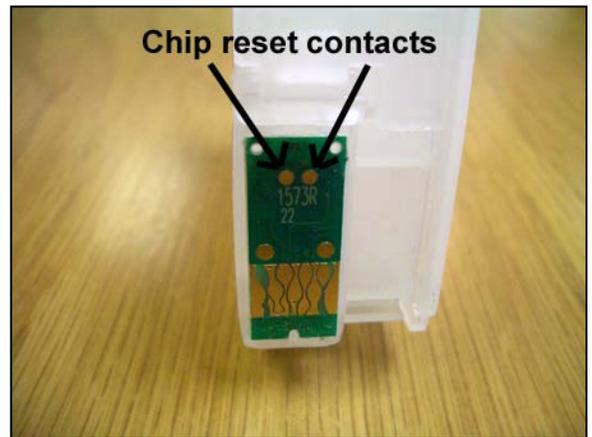


### REFILLING THE CARTRIDGES AND RESETTING THE CHIPS

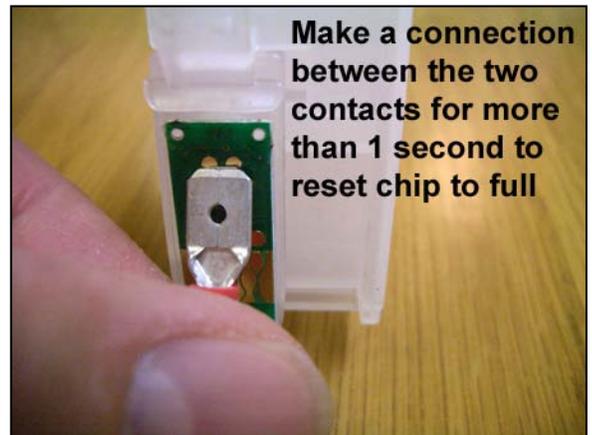
It is advisable to refill a cartridge when it is showing about 25% full on the printer display or driver ink monitor. This will ensure that a cartridge doesn't run completely dry and means that you will not have to remove the air from the cartridge every time you refill it. The refillable cartridges are fitted with resettable chips that can be quickly reset to full regardless of the remaining ink left in the cartridge. This means that you can refill all the cartridges and reset all the chips to full in advance of starting on a big print run.

To refill and reset a cartridge, firstly insert a white rubber bung into the air vent hole, and then remove the cartridge from the printer. You should have some paper towel handy in case the cartridge drips from the ink exit port on the bottom of the cartridge. To refill the cartridge, simply inject ink into the cartridge through the ink fill hole until it is completely full again, as explained in the previous section. Remember to insert the rubber bung back into the ink fill hole after filling, and to clean out the syringe and needle with water after use. There is no need to suck the air out of the cartridge again unless the cartridge had completely run dry before refilling.

To reset the chip to full, a connection must be made between the two reset contacts on the chip for more than 1 second. This picture shows the location of the reset contacts on the chip.



The kit contains a conductive tool that can be used for resetting the chip to full. Simply hold the tool on the chip for a couple of seconds so that a connection is made between the two reset contacts. The chip will now read as full when the cartridge is re-installed in the printer. If you misplace the reset tool then anything conductive such as a paper clip can be used to make a connection between the contacts for a couple of seconds to reset the chip. Reinstall the cartridge in the printer and remove the white rubber bung from the air vent hole.



Refillable cartridges don't last forever and will eventually wear out. They are good for many refills but should be replaced if there is excessive ink leakage from the ink export port into the bottom of the cartridge bay, or the chip refuses to reset. Spare cartridges are available from the supplier who sold the initial kit, or by contacting Ink2image directly— details below.

If you require technical assistance or support with your Ink2image refillable cartridge kit, please initially contact the store or dealer where the system was purchased. All Ink2image dealers are well trained in the operation of the system and can help with most problems. Alternatively, contact Ink2image technical support on 1-800-443-9508, 1-847-827-0747, or at [inquiries@ink2image.com](mailto:inquiries@ink2image.com) .

### 30 DAY GUARANTEE TO REPLACE DEFECTIVE PARTS

Ink2image guarantees all parts are defect-free for a period of 30 days from the date that you receive your refillable cartridge kit. If you have received a defective part, please initially contact the retailer or dealer from where the system was purchased.

### DISCLAIMER

As refillable cartridges are self installed by the user, Ink2image is not responsible for any damages to your printer, whether they are or are not related to the refillable cartridges. Please contact the store or dealer where the printer was purchased, or the printer manufacturer for any problems or questions related to the printer and its operation.

If the Customer chooses to use ink in the system from another manufacturer other than Ink2image, and is not satisfied with the ink, or it clogs the printer or the refillable cartridges, it will be the Customers responsibility to pay for the parts to repair the system and restore it to normal usage. We can only guarantee that the refillable cartridges will deliver Ink2image ink just as well as a normal ink cartridge. We will not accept returns of used systems, or systems filled with third party ink that the customer later decides does not meet their specific needs.