

Ink Cartridge Maintenance

Take Note



When not in use

Place the cap on the cartridge during tea-time, lunch breaks and after production.



Items you need for the procedure

- At least 70% Alcohol
- Lint free cloth
- Alcohol wipes
- Distilled Water

Very important to remember

To avoid scratching the orifice plate, **do not** apply excessive force or use a dry or abrasive cloth. **Do not** use MEK or any solvent to clean the printhead. To avoid clogging the nozzles, make certain that the lint free cloth and distilled water used do not have a high percentage of suspended particles such as:

- Using an old / dirty lint free cloth
- Reusing distilled water or alcohol solution.
- Using impure distilled water or alcohol solution.

Do not shake the cartridge as ink pressure will damage the nozzles!



When you need to clean the printhead

Low quality of prints

As the machine is working, if the print quality is degraded, please check the ink level in the cartridge. If the cartridge is out of ink, change the cartridge.

Cartridge is not empty

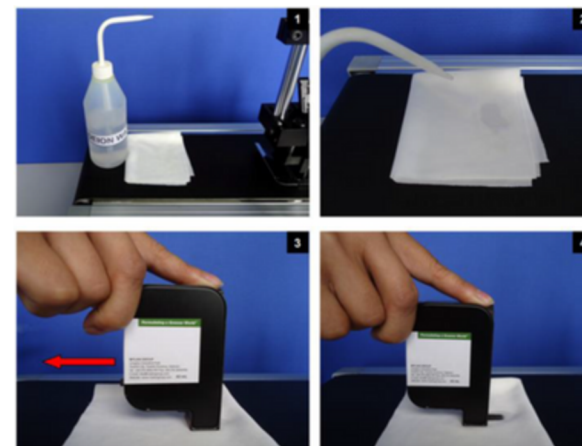
If the cartridge isn't out of ink, the degraded print quality may be caused by the ink-spray, dust, or paper fiber being collected and built up on the surface of the nozzles plate.

To maintain the print quality of the cartridge follow these wiping and purging tips:

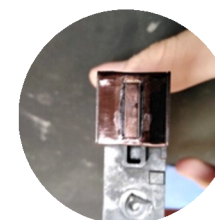
1. Swipe gently with an alcohol wipe on the printing head of the Cartridge.
2. Place a small amount of distilled water / alcohol solution into a cap or a small container.
3. Place cartridge head into Cap / Container for 30 seconds.
4. When using a lint-free cloth, make sure that the printing head is placed gently on the cloth with slight pressure, then lightly push and pull backwards to clean the printhead. If the cartridge is properly cleaned, two thick lines will appear on the lint-free cloth.
5. Use the lint-free cloth to clean the cartridge head and ensure there is **NO** water or alcohol on the cartridge before placing it back into your amazing Rynan Printer.

Kindly view the provided pictures for reference.

Cleaning the printhead



IF YOU DO NOT HAVE ALCOHOL WIPES AVAILABLE, DAMPEN A LINT-FREE CLOTH WITH DISTILLED WATER / ALCOHOL SOLUTION TO CLEAN THE PRINthead.



DIRTY PRINthead



ALCOHOL WIPE / DAMP LINT-FREE CLOTH



TEST WIPE



TWO THICK LINES SHOW WHEN CARTRIDGE IS CLEANED



CLEANED PRINthead