



Technical Notes

Necessary Use of the Ink Charge

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Applicable Models: AnaJet FP-125 and *SPRINT* printer series

Approximately 95% of all nozzle clogs and can be resolved in under five minutes using the Ink Charge.

The Ink Charge does use a fair amount of ink; for this reason, it is recommended that operators try other methods to try and restore Ink Nozzles prior to using the Ink Charge. For the most minor nozzle issues we recommend that you use the Print Purge. For more moderate nozzle issues we recommend using the Head Clean. If after trying three Head Cleans the nozzles still won't restore, then we recommend using the Ink Charge.

With the AnaJet and all ink jet printers, we are constantly battling the Print Head drying out. Ink drying on the Print Head and debris such as lint from garments are the most common causes for missing nozzles. Forcing ink through the system helps to flush debris and dried ink out of the Print Head nozzles and off the Nozzle Plate.

The type of ink used is the reason why keeping nozzles flowing is so important on an AnaJet versus a paper printer. The chemists that develop our inks have to create a balance.

1. The ink must be safe to operate with and be safe to wear (chemically mild).
2. The ink must be durable and resist washing away and fading.
3. It must have good appearance qualities (example: white ink needs to look opaque).
4. It must be easy for an inkjet print head to fire.

Striking a balance with all of those items can be challenging. That is why AnaJet partners with only the finest Ink Chemists in the world to provide ink for AnaJet owners. Nevertheless, the technology of digital printing directly onto garments is new. As time goes on, we expect improvements in ink will help reduce the amount of maintenance required, and you can expect as improved inks become available to AnaJet, we will make them available to you, our customers.

Some ink must used to maintain the printer. This is the nature of inkjet technology. If you do not have enough orders to justify doing the necessary maintenance, please flush the lines with Cleaning Solution. Once the ink is removed, the printer can be turned off until it is ready to be used again.