

C-6 mixing exercise with a single syringe and progressive dilutions:

For filling a set of R220 empty cartridges, I used a 35 ml syringe, Eboni bottle, and pre-mixed base with the following procedure:

For the K position, 100% Eboni is used.

For the C position I pulled 10 ml of Eboni into the syringe and then 20 ml of base into the same syringe with the Eboni. Then I pulled in some air and agitated the mix in the syringe.

15 ml was put into the C cartridge, and 15 ml was saved for the next M position.

15 ml of base was then drawn into the syringe, then some air was pulled in and this mix was agitated.

15 ml of this went into M, and remaining 15 ml was saved for the LC position.

This progression continued to the Y position. There one will have some extra Y left over, which might be useful to save since a lot of that ink is uses.

(Note that 15 ml is not enough to fill a new cartridge, but will be for re-filling. With new ones, just remember to re-fill the first time when the printer says the colors are half full.)

The same basic approach could be used for larger quantities if, for example, a CIS or large format printer is used. For those who do not have an appropriate scales, a progressive mixing procedure like the above works well and will avoid the problems of trying to measure small amounts accurately without a scales.