

Electronic Macro Nozzle Filter Replacement Instructions



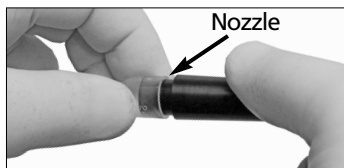
When to Replace:

Nozzle filters are made of a cellulose material which prevents liquid from entering the interior of the pipette. If the filter becomes wet, the pipette will not aspirate or dispense until the filter is replaced.

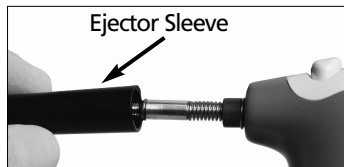
Procedure:

NOTE: Wear gloves for this procedure.

1. Place a macro pipette tip onto the nozzle and push on ejector sleeve until click is heard. Grip tip firmly near the nozzle, and turn it in a counterclockwise direction to unscrew and remove nozzle from pipette.



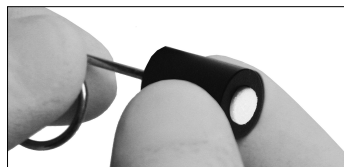
2. Slide off ejector sleeve and set aside.



3. Remove the rubber plug at the tip end of the nozzle by inserting a straightened paperclip into the hole in the plug. Use the inserted end of the paperclip to pry the plug out of the end of the nozzle.



4. Insert paperclip into the threaded end of the nozzle and push out the old filter.



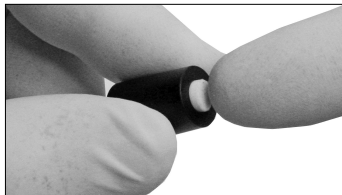
Catalog No. 9060-5009

For electronic macro volume model 100–5000 μ L

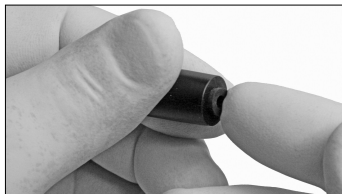
Package includes:

- 10 nozzle filters
- 1 plug
- Instructions

5. Pick up a new nozzle filter and place it into the tip end (non-threaded) of the nozzle. The rounded end of the filter should be inserted first. Use finger to push the filter into position. Firmly press until the filter is pushed as far as it will go.



6. Re-insert the rubber nozzle plug into the front end of the nozzle. Press in until plug is nearly even with surface edge of the nozzle. If filter is not completely seated, the plug will extend beyond the end of the nozzle. Press nozzle plug on countertop if necessary.



7. Place a gloved finger lightly against the end of the air tube, and press and release plunger to expel any liquid that may be present in the end of the tube. Gently wipe the end of the air tube with a slightly dampened, lint-free tissue, then dry it off. Replace the ejector sleeve.



Note: The ejector sleeve is slightly narrower on the end that is closest to the pipette body.

8. Screw the nozzle back onto the extension tube. Tighten by hand, or use a macro pipette tip to ensure the nozzle is firmly attached to the extension tube.

