

# Flushing Ultra Optics M/R III Coating System

1. Go into Machine Set-up screen.
2. Press Coating Prime button.
3. Press Vacuum and chuck a lens on the chuck over the coating bowl.
4. Disconnect the nut on the fitting at the bottom of your coating filter.
5. Insert loose nut and tubing into a clean container.
6. Press coating on/off button and the coating will pump out of the loose nut and tubing into the clean container.
7. When the reservoir is empty, press Coating on/off button to turn off coating pump.
8. Hold clean container below the coating filter and loosen the “bleed” cap on the filter. This will allow the coating to drain out of the filter.
9. Follow the other black tube up to the coating reservoir and disconnect. Both coating tubes should now be free.
10. Check to make sure your coating sensor, located on left side of reservoir is disconnected.
11. The coating reservoir can now be unscrewed and removed from the coating bowl for easy cleaning.
12. Once the coating reservoir is out of the machine flush it out using acetone and allow to dry. Ensure any debris in the coating reservoir has been removed. If not, flush again.
13. Unscrew and discard coating filter.
14. Wipe out coating bowl using a clean lint free towel damp with Acetone.
15. A coating bowl screen sits on the bottom on the bowl make sure it has been cleaned before reassembling.
16. Apply Teflon tape on both ends of the new coating filter before reattaching the fittings. The Stainless Steel adapter attaches with the arrow facing up on the top of the filter and the Nylon elbow on the bottom.

Now you can reassemble the coating side and either put new coating in or reuse your old coating if it has not been contaminated. Re-prime the system and release any air in the coating filter using the bleed valve.

## **Optional:**

**\*\*\* Allow the machine to “cool off” for thirty minutes before flushing with acetone. \*\*\***

It may be necessary to flush the coating pump if your coating has been contaminated. With the tubing disconnected from the bottom of the filter, pour acetone into the machine as you would with coating. DO NOT run acetone through the coating filter, simply flush into a waste container.