

Ultra Optics

M/R III Operation Tips

A) To adjust coating height:

- 1) Go into Machine Set-Up
- 2) Press coating prime
- 3) Press vacuum
- 4) Chuck lens up on coating side
- 5) Press coating on/off
- 6) Adjust height flow to top of coating bowl using “coating pump” pot
~Clockwise to increase
~Counter clockwise to decrease

B) To prime high pressure wash:

- 1) Go into Machine Set-up
- 2) Press vacuum
- 3) Chuck lens up on wash spindle
- 4) Press “wash prime” and “Dump Valve” allow to prime for 45 seconds
- 5) Release Dump Valve to ensure constant beat (like a heartbeat)
If wash prime has not been achieved allow to run with Dump Valve on for another 45 seconds
- 6) After your wash is primed press the Dump Valve again and allow to run for 20 seconds
- 7) Press Wash Prime first than Dump Valve, release vacuum and remove lens

C) To ensure lens is dry before it is coated:

- 1) Go into Production
- 2) Press on/off
- 3) Prepare lens and chuck up onto wash spindle, allow to wash and dry
- 4) When spindles start to come up press “E-Stop”
- 5) Release lens and ensure backside is dry. If not dry, ensure wash tip is clean and free of debris. Then repeat priming high pressure wash again.

D) To replace Coating Filter:

- 1) Disconnect the nut on the fitting at the bottom of your coating filter.
- 2) Insert loose nut and tubing into a clean container.
- 3) Press coating on/off button and the coating will pump out of the loose nut and tubing into the clean container.
- 4) When the reservoir is empty, press coating on/off button to turn off coating pump.
- 5) 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.
- 6) Place Teflon tape on the new coating filter before reassembling.
- 7) Pour coating back into coating bowl chamber and re-prime system.
- 8) Release all air in coating filter. While priming turn “bleed” cap ¼ of a turn this will allow air to escape.