

AMAT XGEN 300 CVD POLY CHAMBER FINAL WIPE:

IMPORTANT NOTE

IN ORDER TO ACHIEVE AN EFFICIENT TOOL RECOVERY, THE FINAL WIPE PORTION OF THIS PROCEDURE MUST BE FOLLOWED USING THE FOAMTEC INTERNATIONAL [HT5790S](#) MiraWIPES[®]. THE CHARACTERISTICS OF THE MICROFIBER MiraWIPE[®] WILL REMOVE MORE DEPOSITION THAN ANY STANDARD FAB WIPER, HELPING TO REDUCE PARTICLE LEVELS DURING RECOVERY

NOTE: Figure below shows how much more deposition the Foamtec International MiraWIPE[®] can remove from a critical surface compared to the standard fab wiper, making the MiraWIPE[®] FINAL WIPE PROCEDURE the most **CRITICAL STEP** of the PM procedure (See Fig 16a & 16b)



MiraWIPES[®] are the KEY STEP for DEFECT REDUCTION and IMPROVED TOOL RECOVERY

- Step 22:** Remove foam plug from pressure gauge channel and foam plate from bottom of XGEN Chamber
- Step 23:** Fold the [HT5790S](#) MiraWIPES[®] into quarters and apply IPA to the MiraWIPES[®], then wipe entire XGEN 300 Poly Chamber – **Continue wiping using 5 to 7 MiraWIPES[®]. The final MiraWIPE[®] should show no more deposition left throughout chamber**

AMAT XGEN 300 CVD POLY CHAMBER FINAL WIPE (CONT'D):

Step 24: In addition to using the MiraWIPES® apply IPA to the [HT1713-5](#) UltraSOLV® Foam Swab and wipe all of the hard to reach areas, o-ring grooves and pressure gauge channel (See Fig 17)

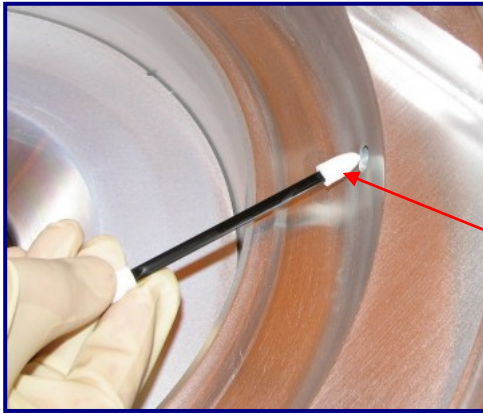
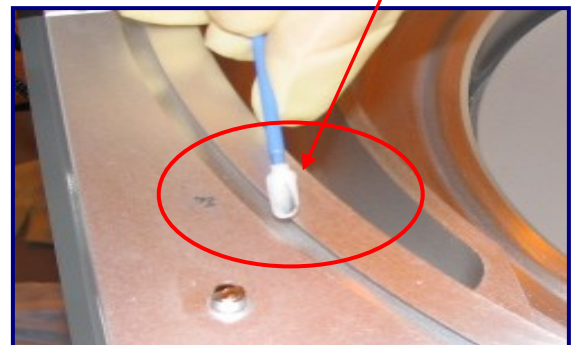
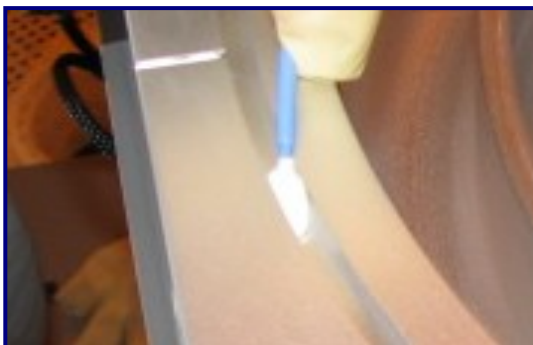


Fig 17: UltraSOLV® Foam Swab reaching into pressure gauge channel to clean

Step 25: Shown below is the [HT1511FC](#) MiraSWAB® (**MiraSWABS® must be ordered separately**) which gives the opportunity to reach into the tight corners and hard to reach areas, but is laminated with the MiraWIPE® so provides the micro fiber characteristics of the MiraWIPE® **REMOVING MORE DEPOSITION FROM THESE AREAS!**



PARTICLES!!



Step 26: Use additional MiraWIPES® to WIPE DOWN ALL PARTS being placed back into XGEN Chamber. Using Applied Materials®* safety guidelines and procedures bring XGEN 300 Poly Chamber back up to production