Foamtec International
Wilshire Contamination Control Division
cleaning critical surfaces

APPLICATION NOTE
GENUS ALD CHAMBER CLEAN

OBJECTIVE:

TO EFFECTIVELY PM THE GENUS ALD CHAMBER IN A TIMELY MANNER, WHILE IMPROVING TOOL RECOVERY AND PARTICLE PERFORMANCE

Products:

- (1) HT4754 UltraSOLV® Sponge
- (1) HT4528D-10 280 Grit UltraSOLV® ScrubPAD
- (1) HT4536D-10 360 Grit UltraSOLV® ScrubPAD
- (1) HT4513PD-10 1350 Grit UltraSOLV® ScrubPAD
- (1) HT5790-25 MiraWIPES®
- (5) HT1700 UltraSOLV® Swabs
- Hazmat bag
- DI water

Procedure:

Step 1: Saturate the UltraSOLV® Sponge with DI water and wipe around the chamber walls and electrode. **DO NOT USE** on graphite susceptor

Step 2: Keep UltraSOLV® Sponge clean by rinsing out into hazmat bag

Step 3: Remember to use the UltraSOLV® Sponge to keep the UltraSOLV® ScrubPAD clean

Step 4: Clean the electrode first. Begin with a 1350 Grit Diamond ScrubPAD moving down to a 360 Grit Diamond ScrubPAD for the outer edge. At the center use a 280 grit. Once finished, go back over the electrode with a 1350 grit to polish. You certainly would not need to go any lower than 280 grit

Step 5: On the chamber walls, use a 280 or 360 Grit Diamond ScrubPAD

Step 6: On the graphite susceptor, use a 360 Grit Diamond **DRY** ScrubPAD

Step 7: For final wipe, use MiraWIPEs® and UltraSOLV® Swabs until all deposition has been removed