

FOAMTEC INTERNATIONAL VALUE ANALYSIS
AMAT CVD WxZ PM

AMAT CVD WxZ PM REQUIREMENTS	FOAMTEC METHOD	CURRENT METHOD
<u>AMAT CVD WxZ PM COST/CHAMBER PM</u>	<p>1 HT4580DC3-1 ScrubDISK® 800Grit Diamond @ \$20.40/pc</p> <p>1 HT4754 UltraSOLV® Sponge @ \$3.82/pc</p> <p>4 HT5790S MiraWIPE® DAMPENEND W/IPA @ \$0.56/pc = \$2.24</p> <p><u>TOTAL: \$26.46/PM</u></p>	<p><u>STEP 1:</u> (40) TEXWIPES SOAKED W/H2O2 @ \$0.26/pc = \$10.40 (6OZ.) H2O2 – HYDROGEN PEROXIDE @ \$0.40 OZ = \$2.40</p> <p><u>STEP 2:</u> (25) TEXWIPES SOAKED W/IPA @ \$0.26/pc = \$6.50 (6OZ.) IPA – ISOPROPAL ALCOHOL @ \$0.40 OZ = \$2.40</p> <p><u>STEP 3:</u> (25) TEXWIPES DRY @ \$0.26/pc = \$6.50</p> <p><u>TOTAL: \$28.20/PM</u></p>
<u>AMAT CVD WxZ PM TOOL DOWNTIME</u>	<p>Scrub Time – <u>1 Hr</u> Tool Recovery – <u>4 Hrs</u></p> <p><u>TOTAL: 5 Hrs</u></p>	<p>Scrub Time – <u>1 Hrs</u> Tool Recovery – <u>9 Hrs</u></p> <p><u>TOTAL: 10 Hrs</u></p>
<u>AMAT CVD WxZ PM WASTE REMOVAL</u>	<p>SIX TOTAL Items to Dispose INCLUDING WIPES</p>	<p>APPROXIMATELY 100 WIPERS SOAKED WITH H₂O₂ & IPA TO DISPOSE</p>
<p><u>TOTAL COST/WxZ CHAMBER PM</u> Perform PM Every Six Weeks on Each WxZ Chamber</p>	<p>Assume: (5) CVD Tools (4) Chambers/Tool</p> <p>(20) Chambers Total PM Every Six Weeks</p> <p><u>\$4,586.40 Total Cost/YR</u></p> <p><u>866 Hrs Total Tool Downtime/YR</u></p>	<p>Assume: (5) CVD Tools (4) Chambers/Tool</p> <p>(20) Chambers Total PM Every Six Weeks</p> <p><u>\$4,888.00 Total Cost/YR</u></p> <p><u>1733 Hrs Total Tool Downtime/YR</u></p>