EV620 Contact Aligner

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Backup: 254-4853

Safety
- Orange UV glasses are recommended during exposure, but not required

Process Restrictions
Material Restrictions
- 3" to 6": wafers up to 3mm thick
- 4" to 7" masks

Parameter Restrictions
- Use g-line or i-line resists

Scheduling / Sign-up Restrictions
- Maximum 4 hour block reservations anytime

Requirements (Do Every Time)
- Check mask holder and wafer chuck size
- Properly store all hardware in rack
- Center stage (5 mm, X, Y, THETA)
- Exit and log off when finished
- Clean up

Prohibitions (Never Do)
- DO NOT adjust the lamp power supply

Common Problems

<table>
<thead>
<tr>
<th>Problem:</th>
<th>Root Cause:</th>
<th>Solution:</th>
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<tbody>
<tr>
<td>- Does not initialize</td>
<td>- Software Problem</td>
<td>- Exit EV620 program, turn off computer, turn off key switch, power up again</td>
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<tr>
<td>- Vacuum error after loading mask</td>
<td>- Stage not centered</td>
<td>- Center stage by adjusting X, Y, Theta micrometers to 5 mm</td>
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<td>- O-Ring missing</td>
<td>- Replace missing o-ring</td>
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Other Comments or Cautions
- Make sure mask and wafer are CLEAN