Gamma Automatic Coat-Develop Tool

Manager: Garry Bordonaro  Work Phone: 254-4936
Backup: John Treichler  Calls to staff phones will be automatically
Backup: Dan McCollister  forwarded to their cell phones during
                             accessible hours. At other times leave a
                             message or send them an email.
                             Work Phone: 254-4949
                             Work Phone: 254-8207

Safety

- Ensure the door interlock button is actuated before loading wafers. The system will
  not run if the front door is open.

Process Restrictions

Material Restrictions
- 4” wafers only
- Other size wafers must be scheduled with the equipment owners
- Standard thickness wafers (500µm +/- 100µm)
- Backside of wafers must be free of contamination prior to placing in system

Parameter Restrictions
- None

Scheduling / Sign-up Restrictions — Minimum Tool Time: 15 minutes
- Please reserve time in CORAL - While two processes can be run simultaneously,
  only one user is allowed to operate the system during their scheduled window.

Requirements (Do Every Time)
- Run "Module Init" prior to loading wafers
- Ensure wafer flats are facing the bottom of the cassette
- Ensure wafers are seated in the bottom of the cassette
- For coating processes, run at least two dummy wafers before running wafers to be
  processed

Prohibitions (Never Do)
- Never attempt to clean or wipe-down any interior surfaces of the Gamma
- Never engage the door interlock button while the system is running.

Common Problems

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<tr>
<th>Problem:</th>
<th>Root Cause:</th>
<th>Solution:</th>
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<tbody>
<tr>
<td>- Wafer is not moving</td>
<td>- Loss of Vacuum</td>
<td>- Press &quot;Module Init&quot; soft button</td>
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<tr>
<td>- Red status light</td>
<td>- Wafer exceeded timeout</td>
<td>- Allow process to finish and remove cassette</td>
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<tr>
<td>- Wrong process started</td>
<td>- Operator error</td>
<td>- Press &quot;Global Abort&quot; soft button</td>
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Other Comments or Cautions