Trion Etcher

Manager: Vince Genova  Work Phone: 254-4907
Backup: Meredith Metzler  254-4934
Backup: Jerry Drumheller  254-4859

Call to staff phones will be automatically forwarded to their cell phones during accessible hours. At other times leave a message or send them an email.

Safety
- No unusual hazards during normal operation
- No buddy system restrictions for normal operation
- System uses Chlorine & Boron Trichloride

Process Restrictions

Material Restrictions
- No high vapor pressure materials (Pb, ITO, etc.)
- No gold exposed to the plasma
- Pieces should be mounted to sapphire carrier wafer (4”)

Parameter Restrictions
- ICP power less than 1000W
- RIE power less than 500W

Scheduling / Sign-up Restrictions
- No scheduling restrictions

Requirements (Do Every Time)
- Pump down the LOADLOCK when done
- Log out of software when done
- Automatic process mode ONLY - unless permitted otherwise by staff

Prohibitions (Never Do)
- DO NOT leave loadlock lid open for an extended period of time

Common Problems

<table>
<thead>
<tr>
<th>Problem:</th>
<th>Root Cause:</th>
<th>Solution:</th>
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Other Comments or Cautions