Branson Resist Strip

Manager: Jerry Drumheller
Backup: Chris Alpha
Backup: 254-4859
Backup: 254-4913

Safety
- No unusual hazards during normal operation
- No buddy system restrictions imposed on normal operation

Process Restrictions

Material Restrictions
- Wafers, glass, & ceramic only.
- No Plastic or Metal wafer support devices.

Parameter Restrictions
- Do not exceed 1000 W.
- Do not run 1000 W for more than 20 minutes.

Scheduling / Sign-up Restrictions -- Minimum Tool Time: 15 minutes
- Maximum 2 hour block reservations anytime - Maximum 6 hours reserved in advance at any time per person - No consecutive research group reservations - Users/Groups may use any amount of unreserved time - Additional individual restrictions may be imposed to maximize effective use

Requirements (Do Every Time)
- You must remain in the laboratory near the machine.
- Watch the RF meter.
- Watch the Reflected Power!

Prohibitions (Never Do)
- No unauthorized materials or wafers

Common Problems

<table>
<thead>
<tr>
<th>Problem:</th>
<th>Root Cause:</th>
<th>Solution:</th>
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<tbody>
<tr>
<td>- RF LED lights but RF power needle stays near 0 Watts forward.</td>
<td>- Matching network didn't tune up</td>
<td>- Abort the process</td>
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<tr>
<td>- RF or gas flow fails</td>
<td>- Toggle switch was shut off</td>
<td>- Be sure the 6 toggle switches below the RF and gas controls are switched up</td>
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<td>- START button doesn't do anything</td>
<td>- Bad connection somewhere</td>
<td>- Gently thump the red X on top of the machine with your fist. START again.</td>
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Other Comments or Cautions
- Don’t disable in CORAL until chamber has completely vented.
- OK to call machine manager about malfunctions before 10:00 p.m. and after 9:00 AM (Weekends).