Plasma Cleaner
Standard Operating Procedure

These instructions are intended for reference only, and will *not* replace the thorough training required for proper system operation. Contact an electron microscopy staff member with questions or to report a system problem.
### 1. Enable the tool in BADGER

![Badger Software Interface](image1.png)

### 2. GAS: Turn on the gas cylinders as required (Oxygen and Argon). You do not need to touch the hydrogen generator.

![Gas Cylinders](image2.png)

### 3. HOLDER INSERTION: Remove plasma cleaner plug and insert TEM holder until it cannot go in any further.

![TEM Holder Insertion](image3.png)
4. **RECIPE SELECTION:** Select appropriate recipe from left side of touch screen. A recipe includes the gases used and the length of time for the plasma clean. Once selected press start and the chamber will be placed under vacuum and plasma clean will commence.

5. **VENT:** After plasma cleaning is completed vent the chamber by pressing vent and remove the TEM holder and replace the plug.
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<tbody>
<tr>
<td><strong>GAS:</strong></td>
<td>Turn off the gas cylinders used.</td>
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<tr>
<td><strong>BADGER:</strong></td>
<td>Disable the device in badger and log out.</td>
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