

Insert the Sample

Plasma-Therm SLR
Weizmann P09206
Cortex v2.6
10/25/2023 - 01:15:09

Load Lock Pressure: 69.8 mT, State: Pumping Idle
Process Module Pressure: 3.2×10^{-7} T, State: Pumping Idle
Flow Name: _____, Progress: _____

User Login (Administrator) | Abort (No Tasks)

Material Transfer

Lock Pressure: 69.8 mT | Chamber Pressure: 3.1×10^{-7} T

System Status: Idle | Transfer Status: Idle

Buttons: Transfer, Toggle Material, Vent Lock, Pump Lock, Abort

Bottom Toolbar: Gas System, Chamber Vacuum, Lock Vacuum, I/O, **Transfer**, Gas Cal, Leak Test, Gas Maint, Usage, Process, Recipes, **Service**, System, Data Log, Diagnostics, Alarms, Help

- 1) Service
- 2) Transfer
- 3) Vent Lock
- 4) Insert the sample
- 5) Pump Lock
- 6) Transfer

Run your Etching Process

- 1) Process
- 2) Manual Mode
- 3) Set your parameters
- 4-9) Each of the parameters in order

The screenshot shows the Plasma-Therm SLR control interface. At the top, there are status indicators for Load Lock (0.0 mT), Process Module (Pressure 3.2), and Flow (Name, Progress). Below these are buttons for Temp On, Gas On, Purge On, Helium On, Pressure On, and RF On, along with an 'All Off' button. A 'Pump Chamber' and 'Vent Chamber' button are also present. The main control area is divided into several sections: Temperature (°C), Gas (sccm), Helium, Pressure, and RF. A yellow warning box with a red border is overlaid on the Temperature and Gas sections, containing the text: "Do not change the Temperature and Helium flow!". The Time section shows options for 'Run Until Stopped' and 'Fixed Time' (00:00:15). The RF section shows settings for RF1 and RF2, including Power, Reflected, DC Voltage, Load, and Tune. At the bottom, there are buttons for Start Job, Charting, Manual Mode, and Job History. Below these are icons for Process, Recipes, Service, System, Data Log, Diagnostics, Alarms, and Help. Numbered callouts 1-9 point to various elements: 1 points to the Process icon, 2 points to Manual Mode, 3 points to the Helium flow setpoint, 4 points to Temp On, 5 points to Gas On, 6 points to Purge On, 7 points to Helium On, 8 points to Pressure On, and 9 points to the User Login button.

Remove the Sample

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Process Module Pressure: 3.2×10^{-7} T, State: Pumping Idle
Flow Name: _____, Progress: _____

User Login: Administrator | Abort: No Tasks

Material Transfer

Lock Pressure: 69.8 mT | Chamber Pressure: 3.1×10^{-7} T

System Status: Idle | Transfer Status: Idle

Buttons: Transfer, Toggle Material, Vent Lock, Pump Lock, Abort

Toolbar: Gas System, Chamber Vacuum, Lock Vacuum, I/O, **Transfer**, Gas Cal, Leak Test, Gas Maint, Usage

Bottom Icons: Process, Recipes, **Service**, System, Data Log, Diagnostics, Alarms, Help

- 1) Service
- 2) Transfer
- 3) Transfer
- 4) Vent Lock
- 5) Remove the sample
- 6) Pump Lock
- 7) Fill in the Log-Book