Nanoimprint NX - 2500

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Calls 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
- Orange UV glasses are recommended during exposure, but not required
- No buddy restrictions imposed on normal operation

Process Restrictions

Material Restrictions
- None

Parameter Restrictions
- For Temperatures higher than 100°C. Turn on chiller.
- Process Temperature can not exceed 300°C
- Process is Material Dependent
- Once the process drawer is inside the chamber and a process is running DO NOT pull out the drawer until the process is finished and the chamber has stopped moving.

Scheduling / Sign-up Restrictions
- No more than 3 hour reservation between the hours of 8 AM - 8 PM, Monday through Friday.
- The same user, group, or company must have at least 3 hours between any 2 reservations.
- You cannot schedule more than one week in advance.
- No consecutive research group reservations
- Users/Groups may use any amount of unreserved time

Requirements (Do Every Time)
- Center stage (X @ 4.75 mm, Y @ 4.75 mm, THETA @ 4 mm)
- Log into the Software, Log out the Software.
- Clean up - NO items on tabletop

Prohibitions (Never Do)
- You can't run the alignment module and the imprint module at the same time.

Common Problems

Problem: Root Cause: Solution:
- Keyboard and mouse has no response. - If the tool is not enable in Coral it will not work. - Log into Coral and enable the tool.
- Process aborts automatically - Process Nitrogen pressure can drop, this will cause the machine to error.
- Check if the cylinder pressure can reach 240 ± 5 psi
- Temperature inside the chamber is too high
- Check if the pressure of low pressure line can reach 80 psi
- Contact tool owner

Other Comments or Cautions