Thermoline / Lindberg Blue M Oven



Tool Type: Oven

Location: Innovation Workshop

Description: Oven

Manufacturer: Thermo Scientific

Last updated 1/5/23 Haley

About

From the manufacturer: Benefit from a digital control, built-in over-temperature protection and a flexible vacuum/purge/release system with Thermo Scientific™ Lindberg/Blue M™ Vacuum Ovens. These ovens work well with a range of applications including drying, curing, outgassing, aging, process control and other applications requiring elevated temperature in reduced atmospheres or vacuum/purge with nonflammable and inert atmospheres.

Safety Concerns

- High Voltage
- High Temperature
- No combustibles or hazardous materials
- Thermally insulating gloves must be worn when working with hot items. They can usually be found on the bench next to the ovens.
- No food may be placed in laboratory ovens.
- Never heat a sealed container.
- Do not operate the oven if it is damaged, or is not working properly. Please place a note on the oven to alert other users, and notify laboratory staff of the problem.
- Double containment is required for heating containers of liquid to prevent leaked material from contaminating the oven. This is especially true when heating PDMS molds.

Operating Procedures

- 1. Enter the set point temperature (see instructions for the different controllers below)
- 2. Place your items in the oven. Remember to place liquid materials on a baking sheet or other secondary container.
- 3. Set the countdown timer for the length of your run. If the timer reads zero time remaining another user who needs to use the oven may remove your items.
- 4. Remove your items from the oven and close the door.
- 5. The oven is left powered on.

Changing the oven set point

- 1. Use the ↑↓ to adjust the temperature
- 2. Press the SET/ENT button

Setting the countdown timers

- 1. Make sure that the slide switch on the right is on countdown
- 2. Enter the run time (HMS Buttons)
- 3. Press Start/Stop

Detailed Specifications

Reference Documentation

Laboratory Oven SOP

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