

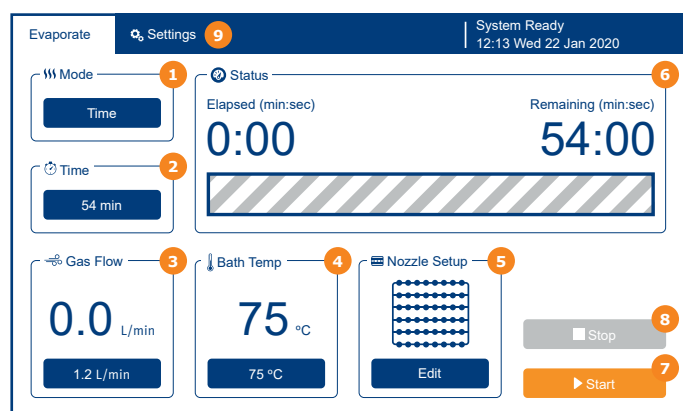
# Quick Start Guide to TurboVap® LV

For detailed instructions, see the TurboVap® User Manual.

## Mode (1)

Display shows the current operation mode. Mode is controlled by pressing the blue button. There are three evaporation modes available on TurboVap LV:

- » **Manual:** Evaporate until the user presses the **Stop** button.
- » **Time:** Evaporate for a set period of time.
- » **Method:** There are several options. For more information, see “Define Methods” in the TurboVap® User Manual.



## Time (2)

Display shows the set evaporation time in minutes for the current evaporation method. Time is controlled by pressing the blue button. (Only shown in Time mode.)

## Gas Flow (3)

Display shows the current and set gas flow in L/min. Gas flow is controlled by pressing the blue button.

## Bath Temperature (4)

Display shows the current and set water bath temperature in °C or °F. Bath temperature is controlled by pressing the blue button.

## Nozzle Setup (5)

Display shows which nozzle rows are currently enabled. Rows are selected ON or OFF by pressing the blue button.

## Status (6)

Display shows the remaining and/or elapsed time of the current evaporation.

## Start/Pause (7)

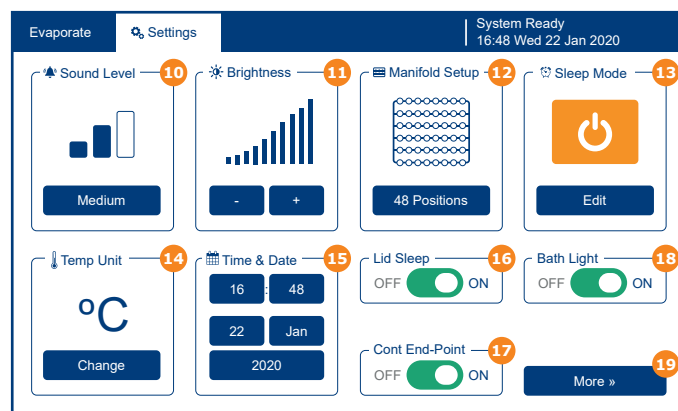
Press to start or pause the evaporation in progress.

## Stop (8)

Press to stop the evaporation in progress.

## Settings (9)

Press to define system settings. Displays an alternative screen.



## Sound Level (10)

Display shows the current sound level. Sound level is controlled by pressing the blue button. The sound level can be set to Low, Medium, High, or OFF.

## Brightness (11)

Display shows the brightness of the touch screen. Brightness is controlled by pressing either + or -.

## Manifold Setup (12)

Display shows the selected/installed manifold. For more information, see “Manifolds” in the TurboVap® User Manual.

## Sleep Mode (13)

Display shows the sleep mode settings. For more information, see “Sleep Mode and Automatic Wake-Up” in the TurboVap® User Manual.

## Temp Unit (14)

Display shows the temperature unit used by the system. Press **Change** to switch between °C or °F.

## Time and Date (15)

Display shows the current time and date. Time and date are set by pressing the appropriate blue buttons.

## Lid Sleep (16)

With lid sleep turned ON, the system automatically enters sleep mode if the lid is left open for more than 90 minutes.

## Cont End-Point (17)

Continuous end-point evaporation turned ON allows for replacing a finished tube and restarting end-point detection for that rack position without restarting the run. Only applicable when the TurboVap II manifold and the end-point rack are used.

## Bath Light (18)

The bath light can be turned ON or OFF.

## More (19)

Display shows system and software information, and gives access to calibration features. For more information, see the TurboVap® User Manual.

## Daily Operation

Follow the steps below to operate the system. For detailed instructions, see the TurboVap® User Manual.

### Prepare the System

The system should always be turned on when a sample tube is inserted so that the exhaust fan can remove solvent vapors.

1. Check the incoming gas supply for sufficient reserve.
2. Ensure that the water in the bath is at an appropriate level.
3. Check/set the mode of operation.
4. Check/set the water bath temperature. Red indicator in the **Bath Temp** field indicates bath heating. When the target water bath temperature has been reached, the user will be notified by a dialog on the touch screen.
5. Check/set the gas flow.
6. If using the TurboVap LV Multi Rack with 24 positions (P/N 415129), ensure that half the nozzles are plugged using the supplied nozzle plugs and that the appropriate manifold is selected in the **Settings** view. For more information, see the TurboVap® User Manual.

**Note:** In a partially filled row, nozzles can be plugged.

7. Open the lid and place the rack with the sample tubes into the water bath.

8. If necessary, adjust the nozzle row position so that the nozzles are as far to the right as possible without touching the side of the tubes. For more information, see the TurboVap® User Manual.
9. Close the lid.

### Start the Evaporation Process

1. Check/set the evaporation time.
2. Select the rows that contain sample tubes by pressing the **Edit** button in the **Nozzle Setup** field.
3. Press the **Start** button.

### Stop/Pause the Evaporation Process

To pause the evaporation (stop and continue) for all tubes, press **Pause** or open the lid. To continue operation, press **Resume** or close the lid.

To stop the evaporation, press the **Stop** button.

To stop the evaporation process for an individual row, press **Edit** in the **Nozzle Setup** field and disable the nozzles for that row.

### Remove the Sample

Quick removal of a completed tube is necessary since highly volatile compounds can be lost if allowed to sit for an extended period.

### Shut Down

When the system is no longer in use, leave the lid open to keep moisture from accumulating on the inside cover. Turn off the power (unless using sleep mode) and the gas supply (if desired).

