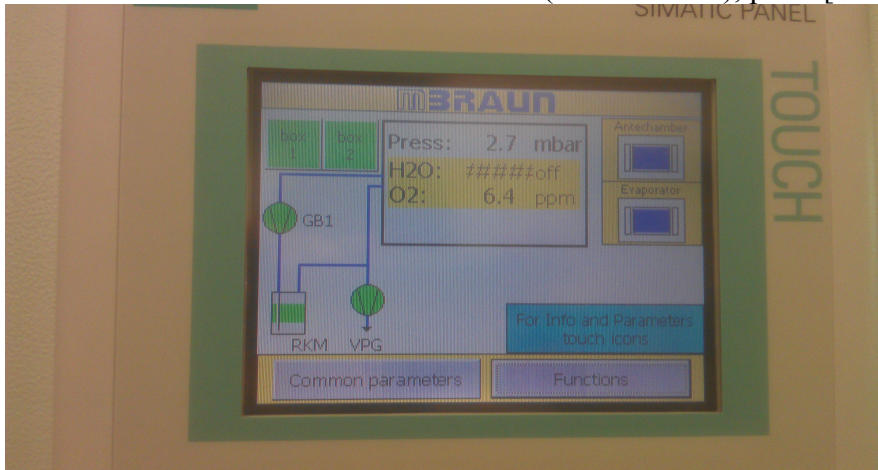


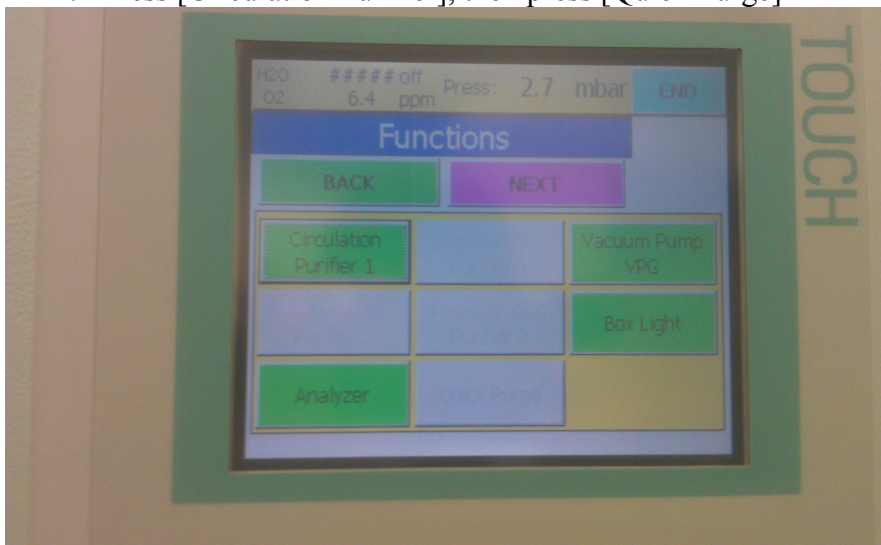
Standard Operating Procedure: Glove Box Purge

This document covers the safe operating procedures for purging the Glove Box. The Glove Box is intended to be an oxygen-free working atmosphere, and ideally, Oxygen concentration should be below 50 ppm. In the event that it gets close to or above this number, it is necessary to purge the Glove Box, that is, replace the gases inside of it with fresh Nitrogen gas.

1. From the main Touch Panel menu (shown below), press [Functions]



2. Press [Circulation Purifier], then press [Quick Purge]



3. Close Valve #1 and Valve #2, and open Valve #3 (behind Valve #2 on the image shown on next page), allowing air to bypass the Oxygen trap.



4. Continue the purge until the Oxygen concentration (shown at the top of the touch screen), is below 50 ppm, ideally wait until it is below 5 ppm.
5. Press [Quick Purge] again to turn off the purge, then press [Circulation Purifier] so that the button is green (as shown previously).
6. Press [End] to return to main Touch Screen Menu.
7. Open Valves 1 and 2 and close Valve 3, as shown in previous image.