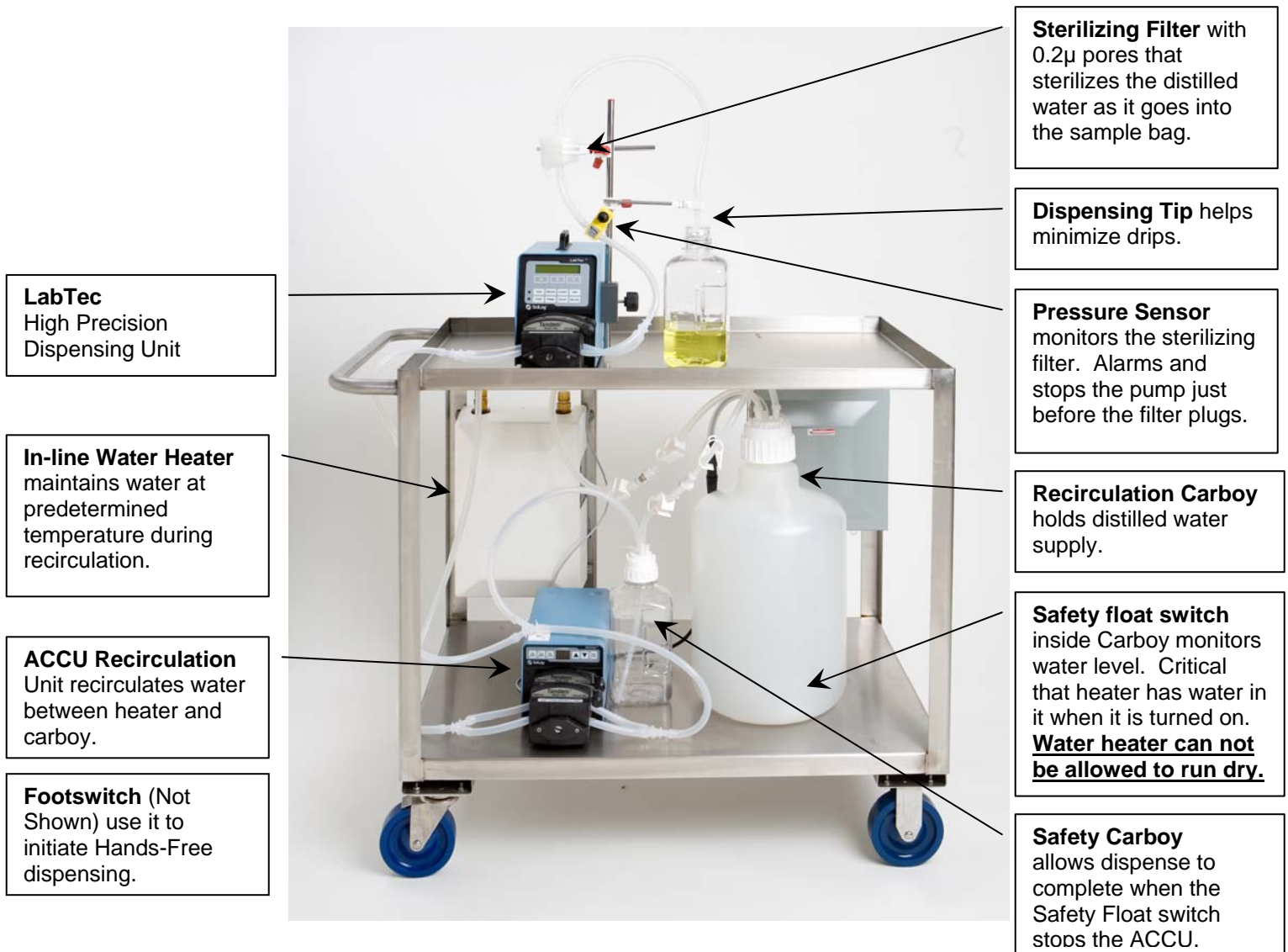


SciLog Tempered Water Dispensing System

Quick Startup Procedure



NOTE: It is critical that the heater always have water in it when it is turned on.



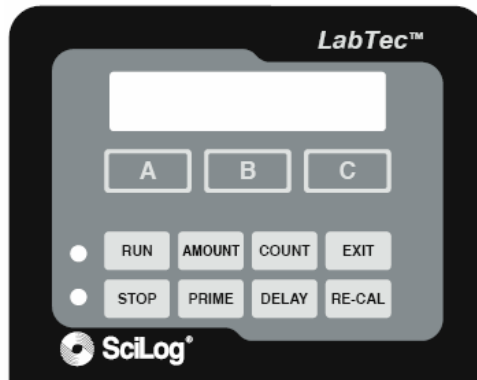
Air bubbles pass through quickly when being re-circulated, but the heater can't be allowed to run dry. First, check the Carboy. It should be full, and the tubing and float switch should be in the carboy and properly connected. Thus, the ACCU must always be running while you are dispensing!

Priming the system:

1. Start by pressing the ON/STBY button on the ACCU, and then the RUN/STOP BUTTON to start the recirculation of water in the system. (If the number displayed on this screen is not 99, use the up arrow to change the value to 99. This runs this unit at maximum speed.)



2. After the ACCU is running, check the LabTec.
3. Position a container for waste under the dispensing tip, and press the PRIME key to fill the tubing, and if needed, the filter.
4. All air bubbles must be removed from the filter by opening the vent port to release them. The PRIME key only runs the system while it is being pressed.



Recalibration and dispensing:

1. The LabTec should be displaying a screen similar to the following, with your dispense size being shown:

VOLUME SET: 675.00ml
Press RUN when Ready

2. Place a graduated cylinder under the dispensing tip and press the RUN key.



Note: If the LabTec is un-calibrated, your first dispense will be doubled due to the use of two pump heads!

3. Verify that you are getting the volume expected. You may wish to do two dispenses.
4. Also at this time check the temperature with a thermometer.
5. If the volume is not the amount desired, the unit can be re-calibrated by the following procedure:
 - a. Record the actual volume as measured by the graduated cylinder.
 - b. Press the RE-CAL key on the LabTec and you will see the following screen:

DV = 675.00		AV = 675.00	
Incr.	Decr.	Select	
A	B	C	

- c. Use the A and B keys to change the AV value to that measured previously. Then press the C key to Select it. This updates the calibration. You may check this by performing another dispense if desired.

Proceed to dispense water into sample bags until you hear the ACCU stop running. This indicates that you have drained the carboy to the point where it must be changed or refilled.

Refill Carboy:

1. Close the Pinch Clamps on the tubing leading to the Carboy.
2. Disconnect the tubing and float switch cable from the system.
3. Now change / refill the carboy.
4. Reconnect the tubing and open the pinch clamps.
5. Finally, connect the float switch cable.
6. The ACCU will automatically restart when the cable is reconnected.
7. Continue dispensing as before, repeating these steps as needed.
8. When finished for the day, or between dispensing sessions, press the ON/STBY button on the ACCU to stop it.

Note: The LabTec is equipped with a Disposable Pressure Sensor, and a High Pressure Alarm that will stop the LabTec when 20 psi of backpressure caused by a plugged filter occurs. It will also beep repeatedly. Press Exit to silence the alarm, and change the filter.



Call Technical Support with any questions at 800-955-1993.