

Speed Vac Plus SC110A Protocol

This instrument has an internal vacuum regulator, so the bleed valve can stay open at all times.

There are two sample baskets: the old one that holds Eppendorf tubes and a new one that can hold 12 x 75 mm test tubes and culture tubes. You may swap these for your run if all other samples are already dry or the basket is empty.

1. To load your samples, flip the Concentrator switch to OFF. You will hear the vacuum release, but you must still wait ~15 seconds for the rotor to stop spinning (if you listen carefully or place your hand on the cover, you can hear/feel the rotor stop). **DO NOT OPEN THE LID WHILE THE ROTOR IS SPINNING.**
2. Load your samples. Please initial your tubes. **BE SURE TO COUNTERBALANCE AND LOAD YOUR SAMPLES UNIFORMLY.** Failure to do so may damage the instrument.
3. Gently lower the cover – **DO NOT DROP.** Flip the Concentrator switch to ON. This will spin the rotor and engage the vacuum.
4. Select the drying rate. The default setting for this switch will be low (ambient temperature). For expedited drying, this can be set to medium (43°C) or high (65°C). Please note that **AT THE HIGH SETTING, THE RADIANT COVER LAMP TURNS ON,** so ensure beforehand that nobody else is drying light-sensitive samples.
5. To retrieve your sample, open the lid as described above, then remove both your sample and its counterbalance. Please remove your samples in a timely fashion. Close the lid gently, and if there are additional samples still drying, turn on the Concentrator.