

VAPORIZER QUICK REFERENCE GUIDE



Note: *These directions are a quick overview for operating this system. For complete instructions please refer to the instruction manual.*

1. Check that all tubes are properly connected, the flowmeter on the vaporizer stand is fully open and the nosecone plugs are inserted into the nosecone.
2. Add Isoflurane to your vaporizer while the vaporizer is in the **off position**. (The Isoflurane level should be between the two hash marks on the indicator located on the lower left-hand side of the vaporizer.)
3. Open oxygen tank, and adjust oxygen flow rate to: **Mice ~ 1liter/min. - Rats ~ 1.5 liter/min.**
Note: It is highly recommended that you use our second stage oxygen regulator to ensure proper function of the system. **DO NOT USE A PSI REGULATOR, THIS MAY CAUSE SEVERE DAMAGE TO THE SYSTEM.**
4. Press the dial lock release on the vaporizer and set the vaporizer to 5%.
5. **Pre-charge anesthesia host cage for 5 minutes before placing animals in the unit.**
6. **After 5 minutes, reduce Isoflurane vaporizer dial setting to:**
Mice ~ 1 - 2%
Rats (less than 300 gms) ~ 2%
Rats (more than 300 gms) ~ 2 - 3%
Note: For guinea pig settings, please see operational manual.
7. **Animals may now be placed in the induction chamber. Animals should remain in the chamber for 3 - 5 minutes** after initial induction, before moving to surgical breathing unit.
8. Turn the flow meter knob clockwise to between 100 ml and 200 ml per minute. The indicator ball should be floating just below the first hash mark.
9. Remove anesthetized animal from the host cage and remove the nosecone plugs from the nosecone. Gently slide the animals into the nose cone. (Be sure the animals' nostrils are not blocked by the nosecone.)

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