

## Newport: Managing Gas Supply

1. Identify the two in-use tanks ( $\text{N}_2\text{O}$  and  $\text{O}_2$ ) by attaching “in-use” identification tags to them.
2. When one of the in-use tanks is empty, close the tank by turning the valve clockwise. Leave the empty tank in place.
3. Move the “in-use” tag to the appropriate reserve tank, which now becomes the in-use tank. Replace the empty tank with a new tank, which then becomes the reserve tank.
4. Open the valve of the new in-use tank by turning counterclockwise.  
**Note: Do not open the reserve tank until the in-use tank is empty. When changing gas tanks, make certain both same gas cylinders that are involved in the exchange are closed. Always remember to switch the “in- use” tags over to the new tanks.**
5. Contact gas supplier to request new gas cylinders as needed.

## Newport: Changing Gas Cylinders

Always use clean, dry medical grade gases. Introduction of moisture or other contaminants into Accutron Analgesia gas machines may result in defective operation.

The Newport Flowmeter System is designed to operate with a 50-55 psi line pressure on each gas ( $\text{O}_2$  and  $\text{N}_2\text{O}$ ). The line pressure can be determined by reading the  $\text{O}_2$  and the  $\text{N}_2\text{O}$  line pressure gauges that are located on the front panel of the Newport.

The Newport has features incorporated to make cylinder change-out easy. To assure proper operation of the system, 4 cylinders must be properly installed at all times. Please review the following cylinder replacement procedures before attempting to change cylinders.

1. Open the tank enclosure by sliding the cover to the rear.
2. Close the valve on the empty tank (clockwise).
3. Release the Velcro restraint on the empty tank.
4. Tilt the empty tank out slightly.
5. Loosen the round handle on the regulator yoke.
6. Remove the regulator from the empty tank (make certain that the regulator is not dropped or damaged while it is off the tank).
7. Lay the empty cylinder down on the floor (cylinders should only stand upright when properly restrained as they can easily fall over).
8. Pick up the full replacement tank and place the bottom of the tank onto the floor of the Newport, leaving it slightly tilted outward for easy replacement of the regulator.
9. Check to assure that the sealing gasket has remained on the regulator’s E yoke.
10. Reattach the regulator to the new full tank by sliding the yoke (attached to the regulator) over the top of the tank post aligning the index pins with the corresponding holes in the tank post.
11. Tighten the round handle on the regulator yoke.
12. Push the tank into an upright position. Attach and tighten the Velcro tank restraint.