

Draeger (Models B, C, and GS) Anesthesia Machine Checklist
Northwestern Memorial Hospital, Chicago, IL

1. ADJUST FLOW ON SCAVENGER!
2. Check Ambu bag **(Including backup Oxygen Source)**
3. Fill vaporizers.
4. Check CO₂ Absorbant (depletion and dessication).
5. Remove oxygen analyzer fuel cell from breathing circuit.
6. Turn on anesthesia machine and monitors.
7. Calibrate O₂ analyzer to 21% and reinstall fuel cell.
 - a. Confirm Low O₂ Alarm Function and Low Limit (30%)
8. Disconnect central gas supply hose for O₂.
9. Check pressure in O₂ cylinder(s) (>1000 psi).
10. Bleed O₂ pressure so tank pressure gauge reads zero.
11. Connect central gas supply hose for O₂.
 - a. Confirm central supply gas pressures of ± 50 psi
 - b. Confirm full 10 lpm for O₂, N₂O, and air (Helium if so equipped)
 - i. Turn on N₂O first to confirm zero flow
12. Check ventilator function:
 - a. Connect reservoir bag to Y-piece of breathing circuit
 - b. Position selector valve to ventilator (auto)
 - c. Turn on ventilator; set at an appropriate:
Tidal Volume, Rate, I:E ratio and Pressure Limit
 - d. Check unidirectional valve function
 - e. Remove/Replace reservoir bag and occlude outlet at Y-piece
 - f. Fill bellows and perform high pressure check
 - g. Turn off ventilator
 - h. Confirm Ventilator Disconnect Alarm
13. Leak test the breathing circuit:
 - a. Position selector valve to bag
 - b. Close APL (adjustable pressure limit) valve
 - c. Confirm zero flow on flowmeters
 - d. Occlude outlet at Y-piece
 - e. Pressurize circuit to **30 cmH₂O** using O₂ flush valve
 - f. Turn on and off each vaporizer Confirming sustained circuit pressure of 10 seconds for each vaporizer
 - g. Open APL valve to slowly decompress circuit
14. Check APL valve and scavenger:
 - a. With APL valve open and Y-connector occluded press O₂ flush valve and confirm pressure of < 14 cmH₂O
15. Check suction:
 - a. Check connections on suction cannister
 - b. Check adequacy of vacuum
 - c. Connect Yankauer suction tip
16. Check laryngoscope blade.
17. Prepare endotracheal tube.
18. Check drugs and syringes **(keep empty vials and ampules).**
19. Document completed checkout on anesthesia record.
20. ANESTHESIA TIME-OUT.