

## Draeger 6100 Test Procedures Check List

STEP	TEST-IT-6100 MUST HAVE A POWER SOURCE (COMPUTER OR 120VAC)	
1. Visual Inspection		Facepiece, Hoses, and Refillable Canister
2. O <sub>2</sub> Cylinder		Cylinder pressure greater than 2600 PSI
3. Low-Pressure Warning	Turn unit on Screw adapter into 6100 Pos. Pressure Pumping	6100 WILL AUTOMATICALLY ADJUST ZERO SET 6100 TO MBARS. Gently pump bellows - hold pressure near 1.2 - 1.4 mbar. Low-pressure warning should activate at less than 1.4 mbar
4. Inhalation Valve	Pos. Pressure Pumping	Tightly pinch Exh. Hose, pump slowly until 10 mbar is indicated
5. Exhalation Valve	Neg. Pressure Pumping	Tightly pinch Inh. Hose, pump once until -10 mbar is indicated
6. Drain Valve	Pos. Pressure Pumping	Fit sealing cap over relief valve and pump to 10 mbars. The drain valve should not open before 15 mbars.
7. Leak Test w/Positive Pressure		Close flow valve and press red button to reduce pressure to +7 mbars (pressure should not change more than 1 mbar in 60 seconds).
8. Relief Valve	Pos. Pressure Pumping	Pump until relief valve opens (Should open between 2 and 5 mbars)
9. High Pressure Leak Test	Close Flow Valve	Open Cylinder Valve (must have) 2600 psi Sentinel and 2680 psi for Monitron "CCr" (Close Cylinder) Monitron Displays OCr (Open Cylinder) ICONS WILL APPEAR ON THE SENTINEL UNITS.
10. Constant Metering Valve		Open flow valve, switch 6100 to LPM. Install dosage adapter, gently activate bypass valve to seat sealing cap over relief valve to reach 1.5 LPM. Dosage should be 1.5-1.9 LPM.
11. Minimum Valve	Neg. Pressure Pumping	Breathing circuit will vent automatically. Remove sealing cap. SWITCH TO MBARS, PUMP NEGATIVE PRESSURE UNTIL MINIMUM VALVE OPENS. (SHOULD OPEN BETWEEN .1 AND 2.5 MBARS)
12. Bypass Valve	Close Flow Valve	Press Red Bypass Valve Button - Oxygen must be heard to flow into the circuit. Breathing bag inflates.
13. Low-Pressure Warning		Close Cylinder - Watch Display. Warning should be generated at approx. 700 psi.
14. Battery Check		Monitron/Sentinel automatically checks battery at pressures below 70 psi. If battery capacity is sufficient, the monitron switches off immediately after the test. YOU MUST MANUALLY TURN THE SENTINEL OFF BY PRESSING LEFT AND RIGHT BUTTONS AT THE SAME TIME.