



Eagle Eye Anesthesia

11233 St John's Industrial Parkway S.
Jacksonville, FL 32246
800-760-6976
www.eagleeyeanesthesia.com

Basic Maintenance

The following routine maintenance procedures should be followed to insure long lasting and trouble-free service from your Millennium Anesthesia Machine.

- Perform a pressure test prior to each procedure.
- Perform functional tests periodically to insure proper operation.
- Change CO₂ absorbent every 8 hours of use. Replace entire contents of absorber canister at each change. Do not rely on color change of absorbent to determine when to change.
- Prevent the buildup of absorber particles and powder by cleaning the absorber bottom with a vacuum, removing the upper and lower absorber O-rings and wiping down with a damp cloth or paper towel each time you change the CO₂ absorbent.
- Assure that a scavenging system is in place and functioning. Active system: Confirm that the system is turned on during anesthesia machine use. Passive system: Confirm that there is no restriction of gas flow through scavenging hose. Charcoal canister: Replace after 13-15 hours of use or when canister has gained 50 grams from its starting weight.
- Inspect machine, connections, rubber / silicone parts for signs of looseness, damage or wear.
- Remove breathing circuit and breathing bag at the end of the day.
- Damp dust the exterior of the machine or clean with a soft cloth.
- If deep cleaning is needed, only use water with liquid soap, dilute mixture of chlorhexidine, or glass cleaner. Other cleaning agents or harsh chemicals can damage the finish and will void the warranty.
- Do not allow cleaning agents to infiltrate into sensitive areas (Vaporizer, Oxygen Flush Valve, Flow Meter).
- When needed, disinfect with a dilute mixture of chlorhexidine solution (1 tablespoon per 0.5 gallon of water).
- Avoid contact with corrosive liquids such as saline solutions and other IV fluids which are detrimental to metal components. These fluids can cause severe corrosion and can render components inoperable and will void the warranty.
- Turn off gas supply at the end of the day.



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Precautions

Confirm that the oxygen supply exceeds what will be needed for the planned procedures as well as potential unforeseen emergency situations.

- Confirm that the oxygen supply is turned on.
- Confirm that the vaporizer has been filled with anesthetic.
- Insure that CO₂ absorbent material in canister is changed frequently. Follow directions as stated on the absorbent package, or as a general rule, change CO₂ absorbent every 8 hours of anesthetic use. Do NOT rely on color change as the determining factor as to when to replace CO₂ absorbent material.
- CO₂ absorbent material should be change at least monthly, more often if the machine is used for more than 8 hours.
- Occasionally used machines (machines that are used less than 8 hours in a month) should have the CO₂ absorbent changed monthly or keep machine empty and fill CO₂ absorbent prior to use.
- Perform a leak check prior to each anesthetic procedure.
- Never invert or tilt the vaporizer while it contains anesthetic liquid.
- Set the oxygen flow rate on the flowmeter so that the breathing bag never fully collapses during a patient inspiration.