1. Disassemble items before sterilization in order for the ethylene oxide gas to penetrate freely.

2. When sterilizing instruments that contain batteries, first remove the batteries, then wrap them separately. E.O. is highly flammable and care must be taken to avoid sparks or flame.

3. Clean all instruments thoroughly in water and an enzymatic detergent to loosen protein & residues.

4. Coatings of dry protein (like pus, blood or tissue) protect microorganisms and slow the sterilization process. Therefore, scrub instruments to a “surgically clean” standard before sterilizing.

5. If an item cannot be immersed in water, it should be pre-humidified using an AN1071 humidichip, EOGas® 4 liner bag, and sterilizer. Follow instructions in operators manual for pre-humidification.

6. Items must be drained, then towel and air-dried completely before processing. Do not dry them with hot-air. Heat can desiccate bacterial spores making them more resistant to sterilization.

7. Wrap items individually in cloth, paper or Central Supply Room (CSR) wrap or other cloth, paper or Central Supply sterile packaging material.

8. Heat sealed packaging such as Tyvek® or self seal pouches made of paper or film require additional aeration. Follow manufacturer’s use and shelf-life guidelines for all packaging.

9. Apply at least one Exposure Indicator (AN85 or AN86) Package Closure Indicator (AN500) or Humidichip® (AN1072) in the middle of the liner bag. Exposure indicators do not indicate sterility, only exposure.

10. Dosimeters® (AN1087) change color on exposure to ethylene oxide gas in concentrations above 0.5%. The color change to blue will indicate that the package was exposed to the sterilant. Exposure indicators do not indicate sterility, only exposure.

11. Ethylene oxide (E.O) gas is extremely flammable in concentrations above 0.5%. To avoid breathing E.O. vapors, E.O is irritating to the skin and eyes, can cause membrane, and can be toxic at higher concentrations.

12. Store the EOGas® dispenser kit in a well ventilated room between 50º F and 80º F. Keep the room away from direct sunlight. Keep the hex lid tightly sealed to prevent drying of the chips.

1. Turn on the sterilizer by pressing the ON-OFF switch on the back of the top cabinet. Press the button immediately to the right of the word “START”. EOGas® 4 operates at 50º C (121º F) until the chamber reaches that temperature.

2. Remove the liner bag from the dispenser (AN1004). Tear carefully along the perforation. Make sure the liner bag is not inside the sterilization chamber. Place the prepared and wrapped items to be sterilized in the liner bag.

3. Place the appropriate biological (Steritest®, AN1080, AN2220, AN2003), and chemical integrator (Dosimeter®, and Humidichip®) in the middle of the liner bag.

4. Remove one AN1004 cartridge from the dispenser box. Remove the adhesive tape and insert the label from the unit and mount it to the sterilization bag.

5. Place the AN1004 cartridge inside the liner bag, on top of the items to be sterilized.

6. Insert the purge probe into the liner bag, placing the plastic cord around the neck of the bag and the needle. Turn the needle opening. Then, gather the open end of the liner bag around the neck of the purge tube. Secure using the Velcro® strap.

7. With the cabinet door open, press the PURGE button. The sterilizer will purge air out of the liner bag for 1 minute, 30 seconds.

8. When the display indicates “ACTIVATE CARTRIDGE” proceed by pressing the cartridge trigger through the side of the bag and the neck of the cartridge trigger without pressing it. The unit will begin counting down.

9. Select the 3 HOUR (or 5 HOUR) CYCLE. The display will begin counting down.

10. Select the 5 HOUR CYCLE for long or narrow tubing.

11. At the end of the sterilization cycle, a purge phase will start (30 minutes for the 3 hour cycle, 60 minutes for the 5 hour cycle) and begin counting down.

12. At the end of the purge cycle, the machine will beep once. The sterilizer can then be safely unloaded.

Key Operator Certification and Training

We recommend that all operators at your facility are formally trained before they use the sterilizer for the first time.

The Andersen Key Operator Certification Program is available free of charge for the lifetime of your sterilizer.

Have you been certified?

To speak with an Anderson Representative, please call:

800-523-1276

For Spanish, please call:

800-255-3924

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