**Preparation**

1. Disassemble items before sterilization in order for the ethylene oxide gas to penetrate thoroughly.
2. When sterilizing instruments that contain batteries, first remove the batteries, then wrap them separately. EO gas is highly flammable and can be exposed to avoid igniting or flame.
3. Close all instruments thoroughly in water and determine to lessen protein & residues.
4. Cautions of dry skin (like this, blood, or cotton) porcine or white paper will be destroyed, as a last resort, a heat sterilization process can be used, which is indicated by the symbol on the sterilization package.
5. Place items to be sterilized in a sterilization bag with the item, and place the bag closed. Leave the bag in the sterilizer for four hours.

**Sterilization**

6. Items must be stored in a dry, well-ventilated area and not exposed to air.
7. Keep the EO gas dispenser kit as dry as possible, and seal the EO gas off from the air.
8. Keep the EO gas dispenser kit kit at 0% to 5% relative humidity.
9. Keep the EO gas control kit in a well-ventilated area.

**Post-Sterilization**

10. If extended aeration is used, the sterilization bag must be removed from the sterilizer and placed in a well-ventilated area.

**Controls & Monitors**

11. The sterilization bag must be placed in a well-ventilated area.

**Chemical Exposure Indicators:**

- **Chemical Exposure Integrators:** These are visual indicators that the sterilization package has come into contact with the EO gas. They do not replace biological indicators. A chemical indicator (AEIS, ANIS) to individual package - or a Dosemeter at the point of sterilization (EO gas 7 below, “Sterilization” section).

**Biological Indicators:**

- **Biological Indicators:** (EO gas) sterilization cycle is the immediate visual confirmation that the next step is complete. All EO gas concentrations exceeded must be sterilizers for sterilization to occur.

**Single Use Personnel Monitoring:**

- **Single Use Personnel Monitoring:** A variety of items (EO gas) are used to ensure personnel exposure to sterilizer concentrations of EO gases. The next step is the expected cycle for the prescribed time period to be used.

**Key Operator Certification and Training:**

We recommend that all operators at your facility are formally trained to use the EO gas 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?**

Contact Us

To speak with an Andersen Representative, please call:

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