

AN1004 Gas Refill Kit

100% Ethylene Oxide Sterilisation



The EOGas 4 steriliser breaks the 4-hour barrier with the proven reliability of 100% ethylene oxide (EtO) sterilisation.

EOGas 4 now makes it possible to achieve sterilisation with ethylene oxide in 3.5 hours. The heated EOGas 4 cabinet along with Andersen's bag and cartridge technology maximises gas efficiency and minimises gas usage; only 17.6g of gas per cycle. Turn-around time for delicate medical items has never been this fast.

Andersen's purge probe technology uses active aeration to flush the sterilisation bag with a constant flow of fresh air at the end of the sterilisation cycle.

Warm air is circulated throughout the chamber walls to maintain a constant temperature thus ensuring effective sterilisation and aeration.

Two-button interface and digital display makes EOGas 4 easy to use. Sterilisation status and cabinet temperature are shown throughout the cycle. Items that retain EtO may require additional aeration. Optional 6-hour cycle available for devices with long lumens.

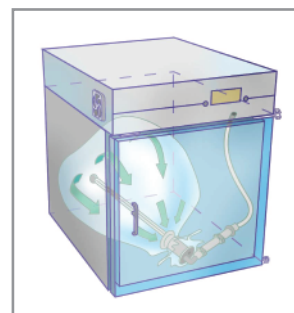
Micro-Dose System:

EtO is provided in glass ampoules. When activated these release EtO directly to the heart of the load delivering a high level of sterility with a very small amount of gas.



Active Aeration:

Its unique combination of purge probe and sterilisation bag allows air to be removed from around the items prior to sterilisation, and clean air to "wash" them after the sterilisation cycle.



The EOGas Series 4 steriliser delivers 10⁻⁶ SAL sterilisation and aeration, in the one cabinet, in 3½ hours.



EOGas Series 4 steriliser with optional base storage cabinet.

- **Maximum Performance**
- **Minimum Gas**

EOGas 4 reaches a Sterility Assurance Level (SAL) of 10^{-6} in 3 hours using only 17.6g of ethylene oxide.

Studies:

Narrow lumen performance:

The Series 4 sterilised spore strips held at the closed end of a stainless steel, 1.5 meter long, single-ended, 1mm lumen.

Accelerated aeration:

Aeration of a Pentax colonoscope following sterilisation in an EO Gas cabinet reduced EtO residues in 45 minutes to a level suitable for patient use.

For more details visit the "Support" section of our website

The AN1004 gas refill kit is designed specifically for use with the Andersen EO Gas Series 4 Steriliser, AN4000.



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Kits contain:

- 16 x 17.6g EtO Cartridges
- 16 x Humidichip- humidity stabilising chips (AN1071)
- 16 x EO Gas Dosimeters (AN1087)
- 16 x 45-litre sterilisation bags

When packaged, each ampoule is enclosed in a tough polythene cartridge. This cartridge is designed to protect the operator in the event that the cartridge is activated, in error, after it has been warmed to 50°C. Cartridges should always be activated when they are at room temperature. Operator safety is also assured by a double protection-trigger guard (a plastic lock and safety seal). Activating the cartridge involves removing the trigger guard and depressing the trigger.

Free Key Operator Training

Andersen provides free training for as many operators as required, for the lifetime of the cabinet.

Recommended products to be used with the above mentioned kits include:

- Humidichip[®] (AN1071) to ensure that relative humidity is kept at the correct level
- Exposure Indicators (AN85) - to indicate package exposure to EtO
- Exposure Indicator Strips (AN86) - to indicate package exposure to EtO with space to record lot or date information
- Dosimeters[®] (AN87/AN1087) - chemical sterility integrator
- Self-contained Biological Indicators (AN2203) - the gold standard of sterility assurance