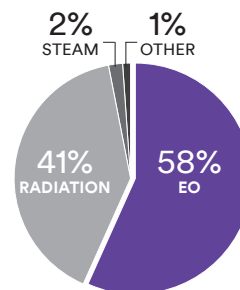


Ethylene Oxide sterilization. Applied to killing microorganisms while keeping cool.



Recent CRE¹ outbreaks traced to inadequately processed duodenoscopes have raised the question: **Is it time to move from high-level disinfection to ethylene oxide sterilization for flexible endoscopes?**

Some facilities dealing with the outbreaks have reported that changing their reprocessing procedure to include Ethylene Oxide (EO) sterilization has resulted in no additional cases of CRE transmission.²



Think you know EO?
Think again. Over half of all sterile single-use medical products are sterilized with Ethylene Oxide.³



EO, the gold standard for low temperature sterilization



Highly efficacious

- Many endoscopes are cleared for use with EO sterilization—consult the IFU for your device to confirm
- Overkill sterilization process with large built-in safety margin



Gentle on instruments

- Documented excellent materials compatibility (most polymers, metals, and ceramics/glasses),⁴ non-oxidizing
- May reduce frequency/cost of repairs and extend the life of instruments



No size restrictions

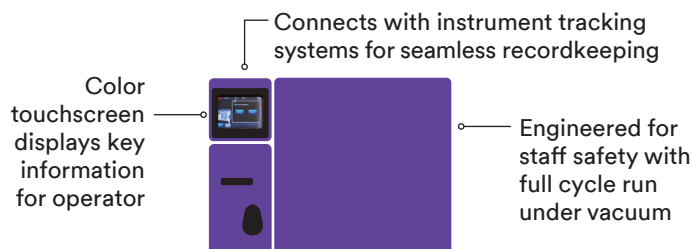
- Instruments with channels of any length or inner diameter
- Large sterilization chamber (up to 7.9 ft³)



Lower cost than H₂O₂

- Lower cost per cycle
- Lower initial cost of capital
- Lower annual maintenance cost

Stay cool when it counts with the 3M™ Steri-Vac™ Sterilizer/Aerator GS Series



How often to monitor manual cleaning?
Every endoscope, every time.

AAMI ST91:2015
Flexible and semi-rigid endoscope processing in healthcare facilities
recommends routine monitoring of flexible endoscopes for cleaning efficacy.

3M™ Clean-Trace™ ATP Monitoring System
is a rapid cleaning monitor validated against established manual cleaning benchmarks (protein, hemoglobin, and bioburden) for endoscope channels.⁵



Learn more about keeping patients safe at go.3M.com/lowtemp

¹CRE: carbapenem-resistant Enterobacteriaceae

²Epstein L, Hunter JC, Arwady M, et al. New Delhi Metallo-β-Lactamase-Producing Carbapenem-Resistant Escherichia coli Associated With Exposure to Duodenoscopes. JAMA. 2014;312(14):1447-1455.

³Global Industry Analysts. Sterilization Equipment and Supplies. A Global Strategic Business Report. MCP-3362. October 2011.

⁴AAMI TIR17:2008. Compatibility of Materials Subject to Sterilization, Table 1 - Material compatibility.

⁵Alfa M, Fatima I, Olson N. Validation of adenosine triphosphate to audit manual cleaning of flexible endoscope channels. AJIC. 41(3):245-248.