



## Ethylene Oxide (EtO) Abatement and Emissions Monitoring From Advanced Air Technologies and ChemDAQ, Inc.

ChemDAQ is partnering with Advanced Air Technologies (AAT) to provide a total solution for abatement and emissions monitoring for facilities that use Ethylene Oxide as part of their sterilization process. Product features and customer benefits include:

### Features:

#### AAT Abator

- Patented (dry-bed) chemical reactant material
- Room temperature operation
- Combines high performance and simple installation in a compact package
- No maintenance contract necessary

#### ChemDAQ Emissions Monitoring System

- Continuous monitoring of sterilization cycle emissions
- Automatic record keeping & management reports for trend analysis
- Impending alarms notify user of potential to exceed emission ppmv
- Sensor Calibration/Exchange Program (SXP<sup>®</sup>)



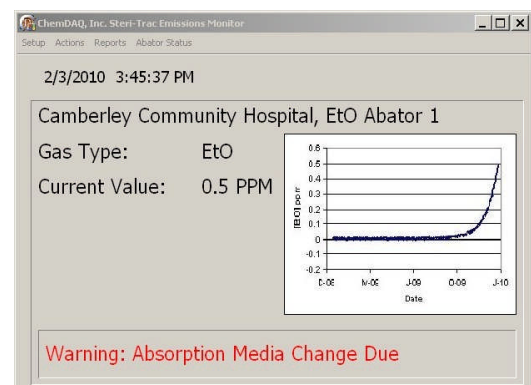
### Benefits:

#### AAT Abator

- Safest technology available & environmentally safe disposal of reactant material
- Destroys EtO, leaving no hazardous or toxic by-products
- Removal efficiency of 99.9+%
- Cost savings:
  - Uses > 89% less energy to operate compared to thermal oxidation units (average savings \$ 3,000/yr)
  - Maintenance contract savings (average \$ 2,000/yr)

#### ChemDAQ Emissions Monitoring System

- Validate compliance with Federal and/or District EPA emissions regulations
- Simplify EPA reporting and proactively correct issues before they impact your operation
- Cost savings:
  - Eliminate bi-annual source testing by outside contractors (average \$ 5,000 every other year)
  - Avoid potential EPA fines
  - Maximize intervals for replacing reactant material
- Eliminate in-house calibration of EtO sensor and insure optimum performance



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