



# Isotron EtO Bench-top Processors

raising your standards through  
our regulatory expertise

The Isotron EtO bench-top service offers healthcare companies:

- EtO bench-top processors commissioned and installed to meet ISO11135 standard for medical device sterilisation
- Small volume EtO sterilisation at cost-effective prices
- A 'limited' packaging & re-packaging service for reprocessed instruments
- A rapid turnaround option
- The reassurance to process your products with confidence

Isotron provide regulatory compliant cost effective EtO sterilisation solutions for the reprocessing of surgical instruments, samples and small volume specialist devices.

With the NHS' continued drive to move the reprocessing of surgical equipment away from local processing into certified providers, for both autoclaving & other sterilisation methods, Isotron EtO bench-top processors offer a solution to answer these needs.



Part of Synergy Health plc

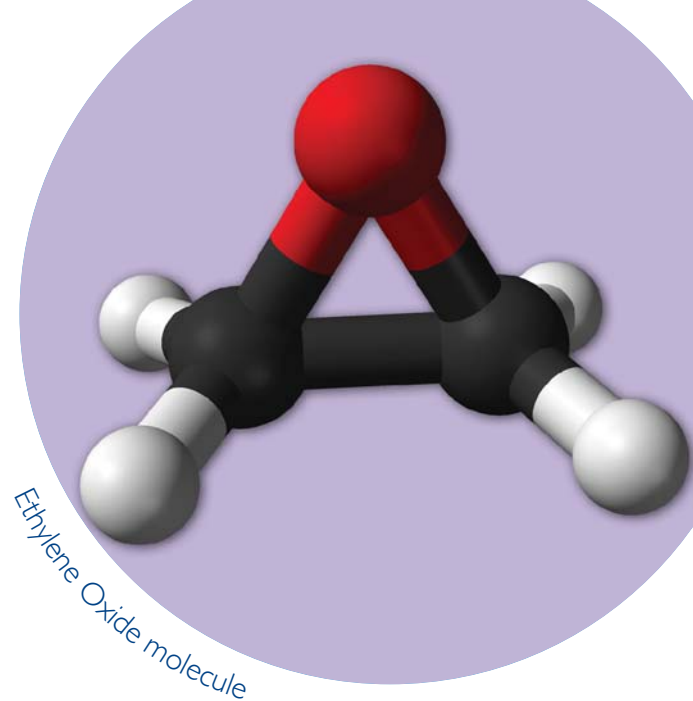
## What is EtO and how does it work?

Ethylene Oxide (EtO) is a gas widely used for the sterilisation of healthcare devices and instruments, and previously has only been available in large, commercial-scale chambers.

The EtO process involves exposing instruments to a gas mixture of EtO and Nitrogen within a vacuum-filled sterilisation chamber. The EtO gas mixture acts as a surface sterilant and the vacuum environment aids the gas to reach most aspects of the device requiring sterilisation which is particularly useful for long-lumen devices and scopes. Once the process is completed, products are immediately safe to use.

### EtO Sterilisation is completed in three phases:

1. **Pre-conditioning:** Products are heated to ensure efficient movement of gas through product
2. **Sterilisation:** The EtO gas mixture is introduced to the products in the vacuum-filled chamber
3. **De-Gassing:** This stage is designed to remove all of the residual EtO gas that may be within the product and chamber, so that as soon as product comes out, it is fit-for-use.



## Rely on our expertise

All medical devices registered as 'sterile' are required to adhere to the medical device sterilisation standard for EtO, **ISO 11135**. Isotron bench-top processors are the UK's first commercially available small-volume EtO chambers that are commissioned and installed to meet the **ISO 11135** standard.

When selecting a sterilisation partner, healthcare organisations need to choose one who is capable of meeting both the demands of the specific devices and the direction of the NHS with reference to sterilisation standards. As Europe's leading sterilisation and decontamination specialist, Isotron has over 30 years experience in providing safe and effective sterilisation and decontamination.

For more information or to arrange a visit from one of our sterilisation experts to see how our services might help answer your needs, please contact us on the details below.

### Contact:

For more information please call our team of specialists on

**+44 (0) 8456 88 99 70**

email [assistance@isotron.com](mailto:assistance@isotron.com)

or visit [www.isotron.com](http://www.isotron.com)

