

100% Ethylene Oxide Sterilisation

Most effective sterilant
Most efficient steriliser

AN2203 Self-Contained Biological Indicators
AN2205.10 Self-Contained Biological Indicator Incubator

Anprolene[®]
gas sterilisation

EOGas[®]

Biological Indicators
Quality Assurance Products
designed for use with
Anprolene and EOGas sterilisers.

Verification of a successful sterilisation process can be ascertained through the use of biological indicators, which are a reliable and inexpensive way to determine sterility assurance. These ensure that the sterilisation cycle had been effective in killing 10^6 spores of the touch bench mark bacterium, *Bacillus atrophaeus*, by incubating them for at least 48 hours at the end of the cycle. The biological indicators are placed in the most challenging area of the load to be sterilised. If there is no bacterial growth after appropriate incubation, the sterilisation process can be deemed successful.

AN2203 Self-Contained Biological Indicators

These self-contained biological indicators (BIs) set the gold standard for sterility assurance. They contain a minimum of 1×10^6 *Bacillus atrophaeus* spores. No need for aseptic conditions as they are self-contained, with the growth media stored inside the BI in a glass vial. Results are available in just 48 hours.

Quantity: 25/box

Expiration: 24 months after manufacture.

Instructions

Exposure:

1. Place BIs inside representative materials to be sterilised and/or package as usual.
2. Place the BIs in the most challenging area of the load.
3. Process the load as usual.
4. After sterilisation remove the BIs.

The chemical indicator on the label changes from blue to brown when exposed to EtO, distinguishing between exposed and unexposed units.

NOTE: A brown colour does not indicate acceptable sterilisation.

Incubation:

To activate, gently squeeze the unit to crush the glass vial inside releasing the growth media. Media should be orange and clear before incubation. Place the activated BI in an upright position in an incubator (35-39°C).

Interpretation:

Examine the BIs at regular intervals for any colour change (i.e. 18, 24, 48 hours). The appearance of a cloudy yellow media indicates bacterial growth. No colour change indicates adequate sterilisation.





AN2205.10 Biological Control Incubator

This 14-well incubator is designed for use with the AN2203 self-contained biological indicators, which are incubated at 35-39°C for at least 48 hours.

Power supply: 120V/ 60Hz or 220V/ 50Hz

Well diameter: 0.7cm

Well depth: 2.5cm

Free Key Operator Training
Andersen provides free training for as many operators as required, for the lifetime of the cabinet.

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