

AB0025A



For all labs who are testing routinely for organisms requiring a CO₂ rich, reduced O₂ atmosphere, the ThermoScientific Anaerobox provides a convenient solution to incubate your plates.

Unlike conventional, round gas jars which are bulky and do not stack easily on most incubator shelves

The Anaerobox does, saving valuable space.

The Anaerobox is another example of how our understanding of customer needs results in a product which makes day to day testing that much easier.

Product Introduction

Available in a 2.5L format Anaerobox has been fully validated for use with the ThermoScientific range of atmosphere generation products:

- AN0025A (Anaerogen 2.5L)
- CN0025A (Campygen 2.5L)
- CD0025A (CO₂ gen 2.5L)
- BR0055A (Anaerobic indicator)



The Anaerobox is lightweight yet robust. The uncomplicated design makes it easy to maintain and load with a compartment for both the gas kit and also indicator, minimising the possibility of malfunction. The shape of the Anaerobox also makes it easy to store and will save space in the incubator over more conventional round jars with bulky lids that include valves and gauges.

Anaerobox fits into ThermoScientific's growing range of Atmosphere Generation System's which have been designed to meet the demands of modern microbiology applications.

Dimensions and Capacity

Height	100mm
Width	130mm
Length	190mm
90mm petri dishes	12
50mm petri dishes	21
Square Microtitre plate	6



The 2.5L Anaerobox holds up to 12 disposable, standard petri dishes at a time or 21x55mm plates, the practicality of the Anaerobox complements the innovative technology which makes AnaeroGen and CampyGen sachets so easy to use.

The Anaerobox polycarbonate lid is secured to the base by four clips that make it easy to open and close.

Validation

An extensive piece of validation work (valrpt736 available on request) has been undertaken previous to the launch of this product which included:

- Gas Composition
- Compatibility with Cleaning Products
- Negative Pressure Release
- Positive Pressure Release
- Growth of organisms on solid media
- Growth of Organisms in Liquid Media 10 ml universals
- Growth of Organisms in Liquid Media – Microtitre Plates
- Durability of Rectangular Anaerobic Jars
- Stackability of Rectangular Anaerobic Jars
- Visual Check for Compatibility with Consumables
- 3 Month Hold Test

Cleaning

The rectangular jar was cleaned using a range of cleaning products commonly used in Microbiology Laboratories. One cleaning product at a time was tested ensuring all parts of the lid, clips, base and inner tray were cleaned. Following this it was set aside for 22 hours \pm 1 hour then visually checked for sign of degradation, clouding or damage.

Disinfectant	Lot No.	Observations
Bleach	BC015-5	None
Virkon	1013551	None
Trigene 10%	200400	None
70% alcohol	12106160	None
Phenolic compounds “Multi-Clean Fresh 100”	8970510222	None
General Purpose Soap	None stated	None

