

CLEANING AND DISINFECTION

- Disposable gloves should be worn throughout the operation/handling.
- Avoid contact with solvents and strong detergents.
- Rinse and dry thoroughly after cleaning with a mild detergent / disinfectant.

Note: Never autoclave container and lid.

ACCESSORIES

1. Anaerobic Gas Pack:

Anaerobic Gas Pack: Anaerobic Gas Pack does not require water or catalyst for activation. It is developed to provide rapid gas production to support bacterial growth.

2. Anaerobic Indicator Strip:

The indicator strip provided is initially blue in colour and after the anaerobic condition is achieved it turns colourless.

WARRANTY

1. Product is covered under one-year warranty from the date of purchase by the customer.
2. The warranty does not cover accessories and consumables like Gas Pack, Indicator Strip.
3. The warranty does not cover the replacement/damage of the product(s) due to mishandling, accident or breakage in transit.



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USER MANUAL

ANAEROBIC CONTAINER



Microexpress[®]
A Division of Tulip Diagnostics (P) Ltd.



An ISO 13485
Certified Company

INTENDED USE

Microbiological Testing of Anaerobic microorganisms.

INTRODUCTION

Anaerobic Containers are used for testing of microorganisms requiring strict anaerobic conditions in closed environment. This system is applied in microbiological laboratories for the isolation and culturing of obligate anaerobes, microaerophiles and capnophiles.

Obligate anaerobes: These microorganisms cannot survive in the presence of normal atmospheric concentration of oxygen.

Examples: *Clostridium perfringens*, *Clostridium botulinum*.

Microaerophiles: Microaerophiles are those bacteria that can grow under increased concentration of carbon dioxide (8% to 10%) and approximately 5% to 10% oxygen.

Examples: *Campylobacter jejuni*, *Helicobacter pylori*.

Capnophiles: Capnophilic bacteria require increased concentration of carbon dioxide (5% to 10%) and approximately 15% oxygen.

Examples: *Haemophilus influenza*, *Neisseria gonorrhoeae*.

Capacity : 2.67 Litres

Size : 37 x 16.5 x 11 cm



Anaerobic Container (1)

Gasket (3)

Sr. No.	Components
1.	Anaerobic Container
2.	Lid
3.	Gasket

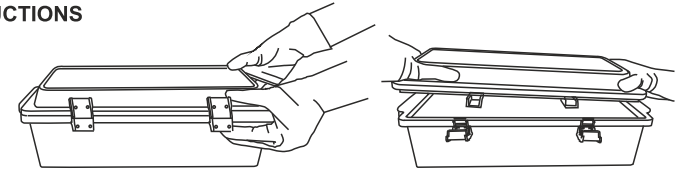
Plate Holding Capacity

90 mm: 18 (6 stacks x 3) plates

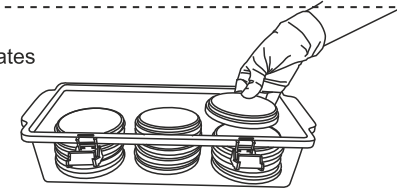
55 mm: 56 (7 stacks x 8) plates

OPERATING INSTRUCTIONS

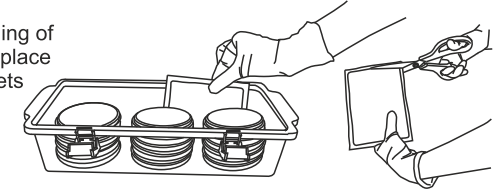
1. Remove the lid and place it carefully on the bench.



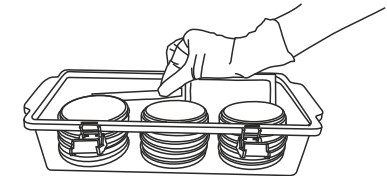
2. Place the inoculated Petri plates in the Anaerobic Container.



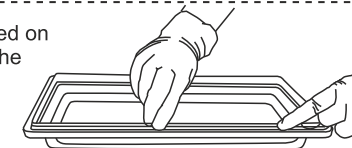
3. Remove the outer foil packaging of the Anaerobic Gas Pack and place appropriate numbers of sachets in the Anaerobic Container, alongside the plates.



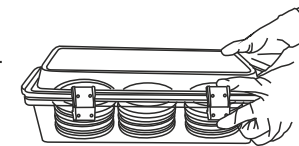
4. Moisten the reaction zone of the anaerobic indicator strip (Blue colour) with one drop of distilled water and place strip in the Anaerobic Container. Ensure that the placed anaerobic indicator strip is visible to the naked eye.



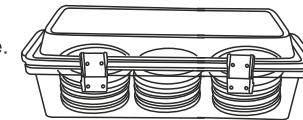
5. Ensure that gasket is properly fitted on container lid before placing it on the container.



6. Place the lid on the Anaerobic Container and tighten the clamps.



7. Incubate the Anaerobic Container for required period and temperature.



8. After incubation, open the Anaerobic Container, remove the Petri plates and dispose the Anaerobic gas pack sachets in appropriate manner. Ensure that the sachets are cool before discarding.