



Atmosphere Generation Systems

Providing conditions for optimal growth of microorganisms has never been easier

Thermo Scientific™ Oxoid™ AGS Atmosphere Generation System

Create atmospheric environments to suit a variety of fastidious organisms

Available in standard formats (boxes and jars) or a compact plastic pouch format, our easy-to-use atmosphere generation system can be tailored to your needs and can accommodate small or large numbers of plates. It is suitable for the transportation, culture, selective isolation, and susceptibility testing of non-aerobic organisms.

Quick and simple

There is nothing to add.

No catalyst

No water

Thermo Scientific™ Oxoid™ AGS systems are activated on contact with air

Safe

Non-hazardous chemicals

No evolution of hydrogen

No dangerous build up of pressure

Rapid

Quickly creates the required gaseous conditions

Allows maximum recovery and larger colony size

Enhances prompt identification

Versatile

Available in standard format (for use with jars) or a compact plastic pouch format

Ideal for large or small numbers of plates

Suitable for the transportation, culture, selective isolation and susceptibility testing of non-aerobic organisms

Cost effective

No hazardous material transportation costs

No capital equipment required

Thermo Scientific™ Oxoid™ AnaeroJar™

- Specially designed for use with the standard Thermo Scientific™ Oxoid™ AGS products.
- 2.5 litre capacity.
- Plate carrier holds up to 12 culture plates.
- Easy to carry, lightweight with integral handle for safe transportation.
- Innovative pressure-release clips.



Thermo Scientific™ Oxoid™ AnaeroBox™

- 2.5 litre and 3.5 litre capacity.
- Holds 12 or 18 plates, respectively.
- Lightweight and stackable to save incubator space.

Compact pouches

Designed for the incubation of a small number of plates. For Thermo Scientific™ Oxoid™ AnaeroGen™ Compact, 1-4 standard culture plates can be used. For Thermo Scientific™ Oxoid™ CampyGen™ Compact, and CO₂Gen™ Compact, 1 or 2 culture plates can be incubated (however, if only one plate is to be incubated, a second dummy plate should also be inserted into the pouch to ensure the correct gaseous conditions).

The transparent pouch allows growth to be observed at any time without disturbing the atmosphere within the pouch – ideal for slower growing micro-organisms.

Ten pouches are supplied with the AnaeroGen Compact. Additional pouches can also be ordered (in packs of 20) for use with AnaeroGen, CampyGen and CO₂Gen Compacts.

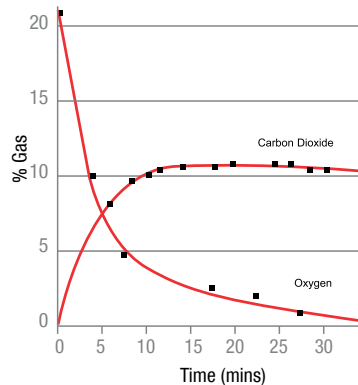
W-Zip pouches have an integral seal. Closure is easy; simply pinch the seal together at one end and squeeze all the way across, ensuring that there are no gaps. The gas-tight seal prevents gas leakage.





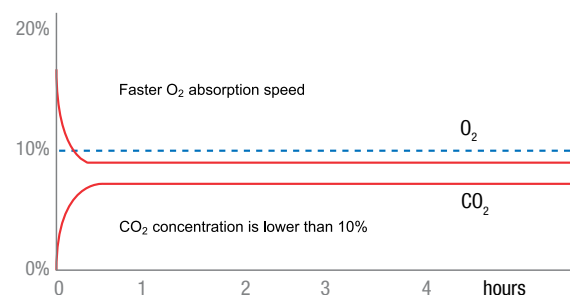
Thermo Scientific™ Oxoid™ AnaeroGen™/ AnaeroGen™ Compact

- Reacts quickly to produce a rapid anaerobic atmosphere.
- Provides improved recovery; increased colony size aids presumptive identification.
- Beneficial for the growth of fastidious anaerobes.
- Enhances the survival of obligate anaerobes.
- Within 30 minutes an atmosphere of <1% oxygen supplemented with carbon dioxide is generated – ideal for the growth of anaerobes.



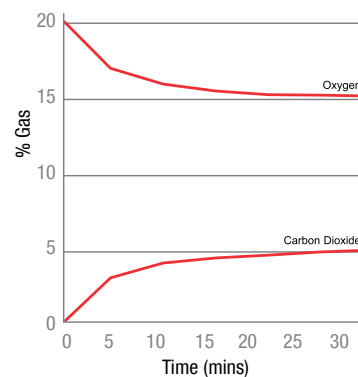
Thermo Scientific™ Oxoid™ CampyGen™/ CampyGen™ Compact

- Rapidly provides atmospheric conditions for the growth of *Campylobacter* spp. and other microaerophilic organisms.
- Removes oxygen and produces carbon dioxide quickly and safely.
- Provides conditions for optimal growth.
- Ensures maximum recovery and prompt identification.
- Within 1 hour an ideal microaerobic atmosphere of 8-9% oxygen and 7-8% carbon dioxide is generated.



Thermo Scientific™ Oxoid™ CO₂Gen™/ CO₂Gen™ Compact

- Rapidly achieves a CO₂-enriched aerobic atmosphere.
- Ideal for the growth of CO₂-dependent organisms (that require a reduced oxygen, enhanced carbon dioxide environment).
- Allows maximum recovery and prompt identification.
- Improves the growth of fastidious organisms
- CO₂Gen provides an atmosphere reduced in oxygen and supplemented with carbon dioxide to a level of ~5% (v/v).



**Easy
to use**



Remove the atmosphere-generating sachet from its packet and place it into the jar, box or pouch with the plates immediately before sealing. **Nothing else is required.**

Ordering information

| Description | Quantity | Cat. No |
|--|-------------------------------|---------|
| AnaeroJar and AnaeroBoxes | | |
| AnaeroJar Jar | 2.5 L 1 jar | AG0025A |
| Rectangular AnaeroBox | 2.5 L 1 box | AB0025A |
| | 3.5 L 1 box | AB0035A |
| AnaeroJar and AnaeroBox Sachets | | |
| AnaeroGen System Sachets | 2.5 L 10 sachets | AN0025A |
| | 3.5 L 10 sachets | AN0035A |
| CampyGen Sachets | 2.5 L 10 sachets | CN0025A |
| | 3.5 L 10 sachets | CN0035A |
| CO ₂ Gen Sachets | 2.5 L 10 sachets | CD0025A |
| AnaeroJar ancillaries | | |
| AnaeroJar Base | 1 base | AG0026A |
| AnaeroJar Lid | 1 lid | AG0027A |
| AnaeroJar Handle | 1 handle | AG0028A |
| AnaeroJar Plate Carrier | 1 carrier | AG0029A |
| AnaeroJar 'O'Ring | 5 rings | AG0030A |
| AnaeroJar Clips | 2 clips | AG0031A |
| Legacy 3.5L jar ancillaries | | |
| Schrader Value Chuck and Clips | 2 | HP0020A |
| Plate Carrier – Stainless Steel | 1 | HP0026A |
| Pressure Release Valve | 1 value | HP0016A |
| Compact System | | |
| W-Zip Seal Pouches (integral seal) | 20 pouches | AG0060C |
| Plastic Pouches ² | 20 pouches | AG0020C |
| Sealing Clips for Plastic Pouches | 5 clips | AN0005C |
| Compact Sachets | | |
| AnaeroGen ¹ Compact | 10 sachets & 10 pouches | AN0010C |
| AnaeroGen ¹ W-Zip Compact | 10 sachets & 10 W-Zip pouches | AN0010W |
| AnaeroGen ¹ Compact Sachets for use in Plastic Pouches or W-Zip Pouches | 10 sachets | AN0020D |
| CampyGen Compact Sachets for use in Plastic Pouches or W-Zip Pouches | 20 sachets | CN0020C |
| CO ₂ Gen Compact Sachets for use in Plastic Pouches or W-Zip Pouches | 20 Sachets | CD0020C |
| Indicators and catalysts | | |
| Anaerobic Indicator | 100 sachets | BR0055B |
| Anaerobic Low Temperature Catalyst | 5 catalysts | BR0042B |

1. Oxoid AnaeroGen System and Oxoid AnaeroGen Compact System require the Anaerobic Indicator (BR0055B).

2. Plastic Pouches are not self-sealing and thus the clips (AN0005C) and these pouches (AG0020C) need to be ordered together.

 For more information, contact your local Thermo Fisher Scientific Microbiology representative or visit [thermofisher.com/AGS](https://www.thermofisher.com/AGS)