



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 CO<sub>2</sub>Gen™ 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 CO<sub>2</sub>Gen Compacts.

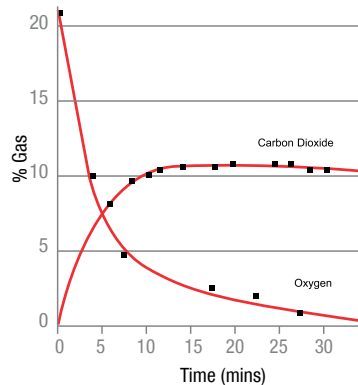
W-Zip pouches have an integral seal. Closure is easy; simply pinch the seal together at one end and squeeze all the way across, ensuring that there are no gaps. The gas-tight seal prevents gas leakage.





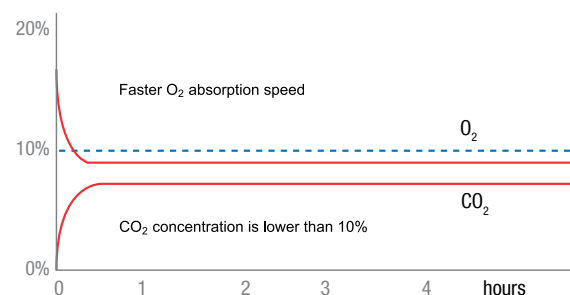
### Thermo Scientific™ Oxoid™ AnaeroGen™/ AnaeroGen™ Compact

- 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.



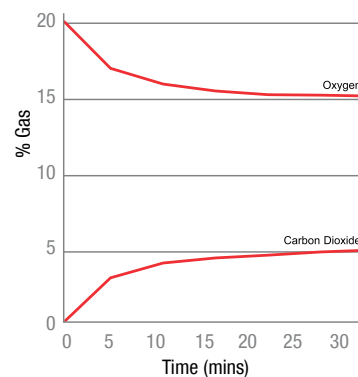
### Thermo Scientific™ Oxoid™ CampyGen™/ CampyGen™ Compact

- 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™ CO<sub>2</sub>Gen™/ CO<sub>2</sub>Gen™ Compact

- Rapidly achieves a CO<sub>2</sub>-enriched aerobic atmosphere.
- Ideal for the growth of CO<sub>2</sub>-dependent organisms (that require a reduced oxygen, enhanced carbon dioxide environment).
- Allows maximum recovery and prompt identification.
- Improves the growth of fastidious organisms
- CO<sub>2</sub>Gen 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
<b>AnaeroJar and AnaeroBoxes</b>		
AnaeroJar Jar	2.5 L 1 jar	AG0025A
Rectangular AnaeroBox	2.5 L 1 box	AB0025A
	3.5 L 1 box	AB0035A
<b>AnaeroJar and AnaeroBox Sachets</b>		
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 <sub>2</sub> Gen Sachets	2.5 L 10 sachets	CD0025A
<b>AnaeroJar ancillaries</b>		
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
<b>Legacy 3.5L jar ancillaries</b>		
Schrader Value Chuck and Clips	2	HP0020A
Plate Carrier – Stainless Steel	1	HP0026A
Pressure Release Valve	1 value	HP0016A
<b>Compact System</b>		
W-Zip Seal Pouches (integral seal)	20 pouches	AG0060C
Plastic Pouches <sup>2</sup>	20 pouches	AG0020C
Sealing Clips for Plastic Pouches	5 clips	AN0005C
<b>Compact Sachets</b>		
AnaeroGen <sup>1</sup> Compact	10 sachets & 10 pouches	AN0010C
AnaeroGen <sup>1</sup> Compact	20 sachets	AN0020C
AnaeroGen <sup>1</sup> W-Zip Compact	10 sachets & 10 W-Zip pouches	AN0010W
AnaeroGen <sup>1</sup> 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 <sub>2</sub> Gen Compact Sachets for use in Plastic Pouches or W-Zip Pouches	20 Sachets	CD0020C
<b>Indicators and catalysts</b>		
Anaerobic Indicator	100 sachets	BR0055B
Anaerobic Low Temperature Catalyst	5 catalysts	BR0042B

1. Oxid AnaeroGen System and Oxid 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)