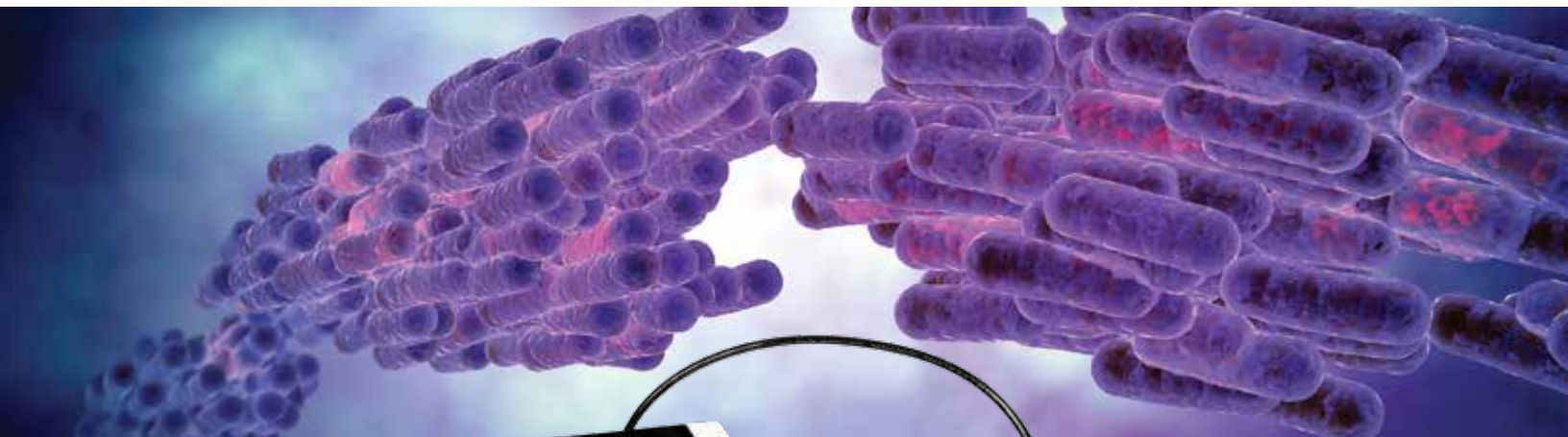
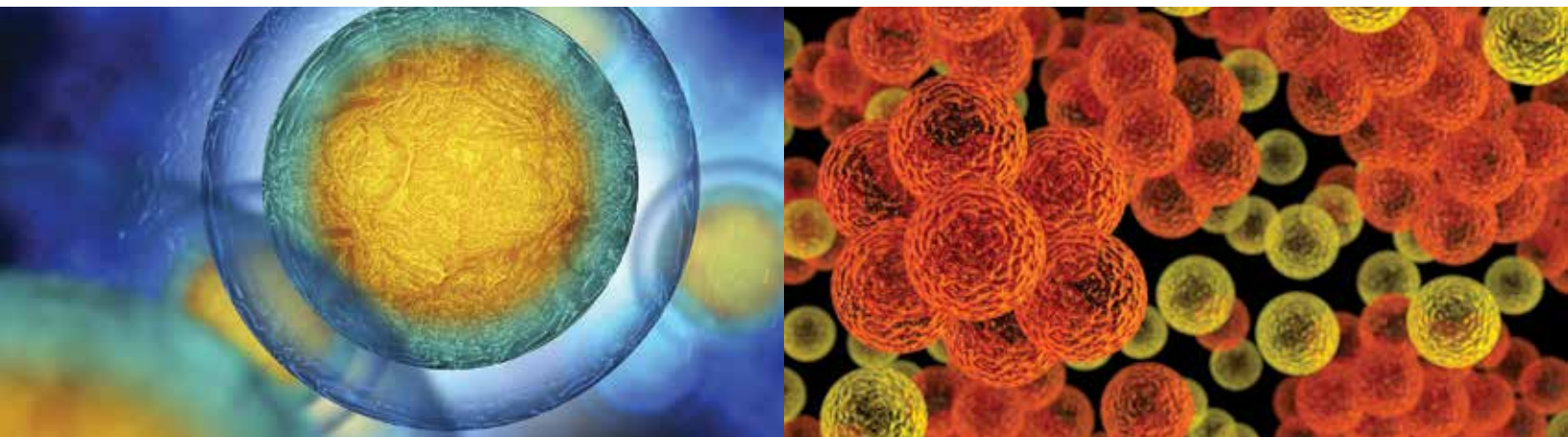


Anaerobic environments in 3 minutes. Results guaranteed.



## The Advanced™ Anoxomat® III.



### Bacterial cultivation that meets every test.

- Exact, repeatable environmental conditions—gas mixtures stay within 0.5% of desired values for accurate conclusions from repeated findings.
- Low gas consumption with up to 70% savings on consumables over gas bags and chambers mean substantially lower cost of ownership.
- Automatic quality assurance program runs before each recipe to detect any sign of leakage, eliminating guesswork and frustration.
- Easily trace and track samples with software options. Optional barcode scanner and printer simplify patient information input.
- Unmatched flexibility to take plates in and out of jars and return to the anaerobic environment in minutes—instead of hours.
- Automatic, one-button operation. Process jars while you work, increasing overall laboratory efficiency.
- Compact design, the size of a desktop printer, saves valuable lab space.
- Multifunctional programming to create anaerobic, microaerophilic, and capnophilic environments, all with one instrument.
- Develop custom recipe environments with optional Generating Program to mix any type of gas.

## Advanced Anoxomat III. Higher quality growth in less time.

Literally.

It lets you create anaerobic environments in just 3 minutes—instead of up to 3 hours when using gas packs. You can grow anaerobic, microaerophilic and capnophilic organisms, one environment at a time, in up to 4 different jars.

Advanced Anoxomat will also help your lab save significantly on consumables, time and effort—with reliable results, guaranteed.

It's the way bacterial cultivation should be.

### But why is it important to culture bacteria we are trying to identify?

Proper culturing of bacteria is an essential tool in the fields of medicine, pharmaceutical industry, biotechnology and even alternative energy production.

In the clinical setting, successful laboratory diagnosis of bacterial infection depends on many factors. Proper specimen collection, transport, and most importantly—the isolation of bacteria are critical to the analysis and identification of pathogens.

In biotechnology, culturing provides a better understanding of microbial resistance to antibiotics.

And lastly, researchers with a better understanding of the growth physiology of bacteria can add value to the biotechnology industry, benefiting all aspects of human health and well-being.

### A better method.

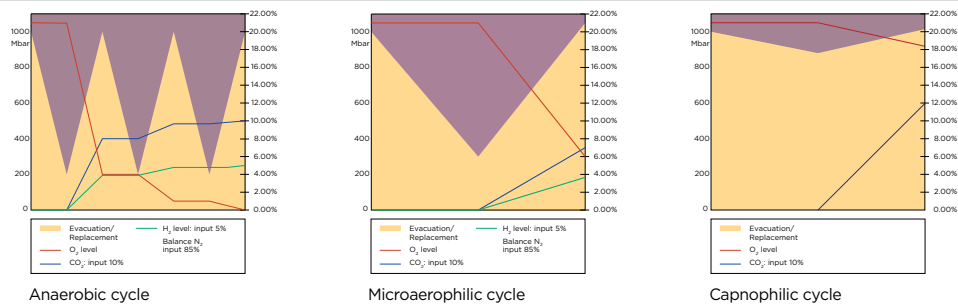
Gas chambers and bags with fixed environments consume huge quantities of gas and lab space. And servicing is both inconvenient and expensive.

Added to this, they are incapable of cultivating microaerophilic and anaerobic organisms with the same system, thus denying laboratories vital flexibility. The Anoxomat offers options that allow cultivation of anaerobic, microaerophilic and capnophilic environments with—one system.

The Anoxomat uses the evacuation and replacement method of McIntosh and Fildes, to remove the oxygenated environment and replace it with the specific amount of gas mixture defined by the user. For anaerobic environments, a mere 0.16% residual oxygen content is left, which is removed by a small palladium catalyst.

This method is the most efficient way to create anaerobic, microaerophilic, and capnophilic environments. More importantly, it saves money, bench space and is vastly more productive.

With all three types of environments, gas mixtures stay within 0.5% of set values.



# Why is Anoxomat advanced?

Multiple gas and jar connections available for increased efficiency

Easy-to-use touch screen operation

Four different-sized jars to fit your laboratory's needs

New lightweight, clear jars with secure clamp and quick connect to gas supply

Barcode scanner allows for easy input of sample or patient information using the Registration Input screen

Data interface software for easy access to data, and compatible with LIS system

Automatic quality assurance program runs before each recipe to detect any sign of leakage in the jar. Guesswork eliminated.



Print-out provides traceability for:  
Date and time, Operator and Sample ID, gas mixture, and records quality assurance results

Optional printer for easy print out and archiving of test results and patient information

Three environments. All in one place.

Goes fast. Saves gas.

## System specifications

### Electrical

Instrument type	110 V	220 V
Voltage	110-20 V	220-240 V
Frequency	50-60 Hz	50-60 Hz
Fuses (2)	6.3 A slow	6.3 A slow
Power consumption	516W	516W
Memory backup	One integral lithium cell; 10-year life (not user-serviceable)	

### Housing

Base enclosure Powder coated steel  
Top cover High impact polystyrene

Net weight 32 lbs (14.5 kg)

Packaging weight 40lbs (18.15kg)

### Dimensions

Height 13 in (33 cm)

Depth 9 in (23 cm)

Width 12 in (30.5 cm)

### Operating conditions

Temperature 50°-91°F (10°-32°C)

Relative humidity 20-80%

Storage temperature 0 °C to 70 °C, 32 °F to 158 °F

Warranty One-year limited warranty on workmanship and all parts except for glass, plastic, and parts warranted by their makers.

\*Specifications subject to change

## Parts and supplies

### Part no. Description

#### Petri dish holders

PH 1060	Holds 6 Petri dishes, 9-10 cm dia.
PH 1040	Holds 12 Petri dishes, 9-10 cm dia.
PH 1080	Holds three stacks of 12 Petri dishes, 6 cm dia.
PH 1090	Holds one stack of microtiter plates, 13 x 9 cm dia.
PH 1070	Holds 10 Petri dishes, 14.5 cm dia.
PH 1050	Holds three stacks of 12 Petri dishes, 10 cm dia.
TH 0000	Tube holder

#### Catalyst

CA0000	For use with AJ9025, quantity needed: 2
CA0000	For use with AJ9028, quantity needed: 3
CA0002	For use with AJ9049, quantity needed: 1
CA0002	For use with AJ9050 quantity needed: 1
CA0001	For use with AJ9025, AJ9028, quantity needed: 1
CA0001	For use with AJ9050, quantity needed: 1

#### Accessories

AN2JC	Additional jar connection
AN2GC	Additional gas connection
AN2PPR	Pre-programmed recipes
AN2UPF	User programming function
AN2TP1	Recipe printer. Thermal paper or medical grade paper
AN2TP3	Dot matrix printer for plain paper
AN2ISC1	Registration input screen
AN2BCS	Barcode scanner
AN2DI	Data interface.
AN2TT	Track and trace package

#### Anaerobic jars

AJ9025	Holds one stack of 12 Petri dishes, 9 -10 cm dia. Holds one stack of microtiter plates, 13 x 9 cm dia. Holds one stack of 10 Petri dishes, 14.5 cm dia.
AJ9028	Holds three stacks of 12 Petri dishes, 9 cm dia. Holds three stacks of 12 Petri dishes, 10 cm dia.
AJ9049	Holds two stacks of 6 Petri dishes, twelve 9 -10 cm dia.
AJ9050	Holds two stacks of 12 Petri dishes, twenty-four 9-10 cm dia.



The management system governing the manufacturing of this product is ISO 9001 and ISO 13485 registered.

# ANOXOMAT®



IGZ Instruments AG  
Räffelstrasse 32  
CH-8045 Zürich

Tel. +41 44 456 33 33  
Fax +41 44 456 33 30  
www.igz.ch igz@igz.ch



Two Technology Way | Norwood, MA 02062  
For more information | 800-225-4034 | 781-320-9000  
aicompanies.com | info@aicompanies.com

Advanced Instruments products are available from a worldwide distributor network. For more information on our products and services or to find your nearest distributor, visit us at [aicompanies.com](http://aicompanies.com) or e-mail us at [info@aicompanies.com](mailto:info@aicompanies.com).

**Hot-Line™ Technical Service** Advanced Instruments provides 24/7 comprehensive customer service and technical support.