

# ANOXOMAT®



## Anoxomat® III Jar System

Creates anaerobic and custom environments for effective and rapid growth of microbial cultures.



Quality growth you can trust

Your lab reports results every day that clinicians rely on to diagnose and treat patients. You need reliable growth fast. Anoxomat's consistent jar environment is a method you can trust **every time** to culture patient samples. It fits into your workflow and eliminates the extra steps anaerobic chambers and gas-generating sachets require.

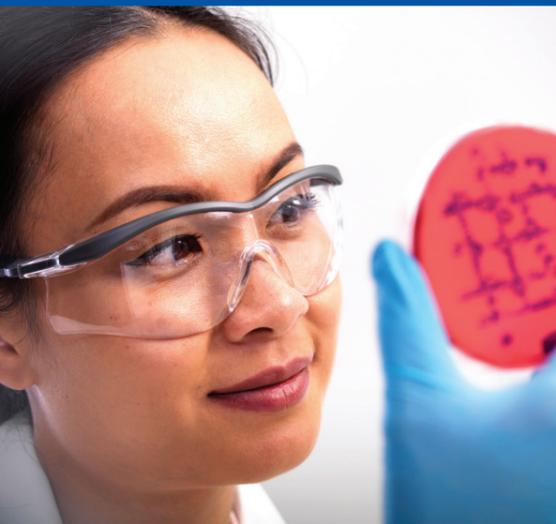
**Better growth in less time.**

Rapid turnaround time of growth from anaerobic and other pathogens can lead to earlier, effective anti-microbial treatment for patients<sup>1</sup>.

**ADVANCED**  
INSTRUMENTS

# Automate your Lab's Workflow

Clinical microbiology labs need to optimize workflows to become more efficient. Anoxomat's robust jar system creates reliable environments fast, increasing testing throughput, improving workflow, and reducing costs. — **Faster growth reduces turnaround times and helps you get your job done faster.**



## Why Anoxomat?

It's better than traditional systems. You get faster bacterial growth and larger colonies for quicker processing of samples. A consistent environment gives you reliable growth **every time**. That's reassuring. Plus, the flexibility to create multiple environments—anaerobic, microaerophilic, and custom, such as capnophilic—in a few minutes means it's the **one system** you need.

### Easy. Fast. Convenient.

Anoxomat is easy-to-use and fast. Space-saving size lets you work directly from the bench when plating, checking, and processing samples.

- **Easy**—One button press to start, automatic quality check.
- **Fast**—Sensitive bacteria, such as *Porph. asacharolytica*, saw growth at 48 hours as opposed to 72 hours with gas-generating sachets<sup>2</sup>.
- **Convenient**—Fits on the bench. Reduces processing steps.

### Traditional systems are labor-intensive, time-consuming, and costly.

Chambers may fail and waste gas due to leaks, increasing gas and service costs. Plus, only one technician can process samples and plates at a time. Anoxomat supports quality growth of anaerobic organisms, and microaerophilic and capnophilic bacteria. And, it's a far superior system over anaerobic cabinets in 50% of the cases<sup>3</sup>.

Sachets can take 5 hours to create anaerobic environments and can fail during incubation. This often requires reprocessing of samples due to either jar or pouch leaks<sup>4</sup>.

### Saves time and money

Anoxomat saves precious time. You can **process more samples in less time than traditional systems**:

- Minutes to create anaerobic environments; minimal wait time.
- More growth in 24 hours than with gas-generating sachets.
- Faster bacterial growth so you can expedite findings to clinicians faster.
- Save money every day on operational costs.

### Trusted environment

You need trusted growth. Accurate bacterial growth require stable, repeatable environmental conditions so **gas mixtures stay within desired values for up to 48 hours**. Our quality program ensures you get the right environment as a jar is processed.

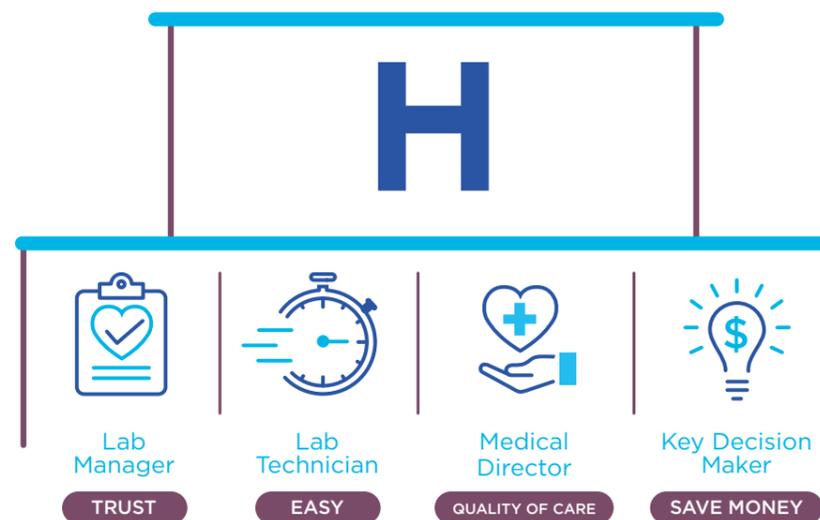
## Work smarter

You need to increase productivity. But how? Anoxomat is the answer.

- Automatic quality control system: checks the environment so you don't waste time incubating jars in an unstable environment.
- Streamlines workflow: set up jars and return to bench to continue work.
- Low maintenance: less down time and no disruption to workflow.
- Process more samples in-house: smaller labs save money.
- Process up to 4 jars at a time: get more done in less time.

## One system satisfies everyone

In busy clinical labs, it's important to have the right system in place. A system that meets the requirements of all stakeholders. That's Anoxomat.



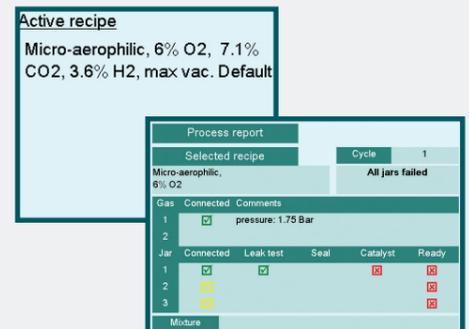
## Choose from a wide-assortment of jars

Connects to a variety of standard and ergonomic jars that hold different numbers of stacked culture plates of various sizes.



## Easy-to-use, fast, and flexible

- **Touchscreen**: Color-coded, easy-to-use, and intuitive
- **Flexible**: Multiple gas and jar connections for multi-sample processing
- **Programmable**: Develop custom recipe environments
- **Fast**: Creates environments in a few minutes
- **Wide-selection of jars**: Different sizes, standard, and ergonomic, stackable
- **Automatic Quality Control**: Runs before recipe, checks leaks, catalyst activity
- **Process reports**: View success/failures during recipe runs



## Manage and transfer data efficiently

- **Secure LIS link**: Integrates with Laboratory Information System (LIS) using software (optional)
- **Data Interface (optional)**: View data on a web browser, export to .csv or Microsoft® Excel
- **2D barcode scanner**: Scan patient information; eliminate transcription errors
- **Printer (optional)**: Print and archive jar samples and patient information
- **Audit trail**: Easily track and trace samples for quality control

## Parts and supplies

Instruments	
Part Number	Description
ANX1J1G	Anoxomat III, 1 Jar and 1 Gas Connection
ANX1J2G	Anoxomat III, 1 Jar and 2 Gas Connection
ANX1J3G	Anoxomat III, 1 Jar and 3 Gas Connection
ANX2J1G	Anoxomat III, 2 Jar and 1 Gas Connection
ANX2J2G	Anoxomat III, 2 Jar and 2 Gas Connection
ANX2J3G	Anoxomat III, 2 Jar and 3 Gas Connection
ANX3J1G	Anoxomat III, 3 Jar and 1 Gas Connection
ANX3J2G	Anoxomat III, 3 Jar and 2 Gas Connection
ANX4J1G	Anoxomat III, 4 Jar and 1 Gas Connection
Jars	
AJ9025	Holds three Microtiter plates, 13 x 9 cm Holds one stack of 12 Petri dishes, 15 cm diameter
AJ9049	Holds two stacks of 6 Petri dishes, 9-10 cm diameter
AJ9050	Holds two stacks of 12 Petri dishes, 9-10 cm diameter
AJ9028	Holds three stacks of 12 Petri dishes, 9-10 cm diameter
Disposable Catalyst	
AN3146	Palladox™ disposable sachet (box of 40) compatible with all jars
Accessories	
AN2PPR	Pre-programmed recipes
AN2UPF	User programming function
AN2TP1	Recipe printer. Thermal paper or medical grade paper
AN2TP3	Dot matrix printer for plain paper
AN2ISCI	Registration input screen
AN2BCS	Barcode scanner
AN2DI	Data interface.
AN2TT	Track and trace package
Petri dish holders	
PH 1040	Holds 12 Petri dishes, 9-10 cm diameter
PH 1050	Holds three stacks of 12 Petri dishes, 10 cm diameter
PH 1060	Holds 6 Petri dishes, 9-10 cm diameter
PH 1070	Holds 10 Petri dishes, 14.5 cm diameter
PH 1080	Holds three stacks of 12 Petri dishes, 6 cm diameter
PH 1090	Holds one stack of microtiter plates, 13 x 9 cm diameter
TH 0000	Tube holder



**OMNI Life Science GmbH & Co. KG**  
 +49 421 27 61 69 0  
 info@ols-bio.de  
 www.ols-bio.de



In Vitro Diagnostic device in US and Canada. In EU, complies with 2014/30/EU EMC directive as General Laboratory Use product.

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

## Specifications

Instrument	100V	110V	220V
<b>Voltage</b>	100-120VAC	110-120VAC	220-240VAC
<b>Frequency</b>	50/60 Hz	60 Hz	50/60 Hz
<b>Power Consumption</b>	516W	516W	516W

### Dimensions

Width x Depth X Height: 12 x 9 x 13 in. (30.5 x 23 x 33 cm)

### Weight

#### 100V and 220V systems

	Pounds	Kilograms
Net:	33.0	15.0
Shipping:	40.0	18.1

#### 100V system

Net:	36.0	16.3
------	------	------

### Temperature and Humidity

Operating Conditions	10 °C to 32 °C, 50 °F to 91 °F
Humidity	20-80% relative humidity (non-condensing)
Storage Conditions	0 °C to 70 °C, 32 °F to 158 °F

### Supported languages

Spanish, German, Dutch, French, Simplified Chinese, Japanese, Korean, Russian

### Certifications

Installation class: I  
 Over-voltage category: II  
 Pollution degree: 2  
 Moisture protection: IPX0 (ordinary)

### Warranty

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

- Barenfanger, J. Drake, C. "Outcomes of improved Anaerobic Techniques in Clinical Microbiology". Clinical Infectious Diseases 2002; 35(Suppl 1):S78-83.
- Shahin, May et al. "Comparative Evaluation of Anoxomat and Conventional Anaerobic GasPak Jar Systems for the Isolation of Anaerobic Bacteria". Med Princ Pract 2003;12:81-86.
- Brazier JS, Smith SA: Evaluation of the Anoxomat: A new technique for anaerobic and microaerophilic clinical bacteriology. J Clin Pathol 1989;42:640-644
- Miller PH, Wiggs LS, Miller JM: Evaluation of AnaeroGen system for growth of anaerobic bacteria. J Clin Microbiol 1995;33:2388-2391