ANO**X**OMAT®

Anoxomat® III
Anaerobic Jar System

Create anaerobic and custom atmospheric environments for rapid microbial culture growth

ADVANCED INSTRUMENTS

Benefits to Using the Anoxomat® III Jar System
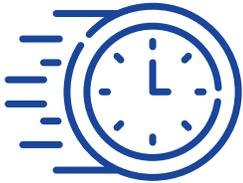
Faster Results

- Ensure patients are treated rapidly with workflows that reduce incubation time
- Automatic quality control system prevents incubation in an unstable environment
- Anaerobic, microaerophilic, and custom growth environments are established in minutes

Save Money

- Minimize waste with fewer false negatives
- Low cost of ownership due to low gas consumption and cost per test
- One instrument for multiple environmental conditions

Quality Assurance

- Built-in quality tests give confidence in jar conditions throughout incubation
- Paper and paperless options provide reliable process documentation
- Palladox® disposable sachets create ideal anaerobic conditions
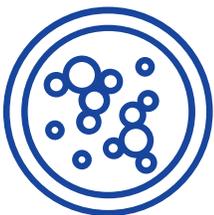
Reliable Testing

- Confidence in growth of numerous strains of bacteria to ensure correct patient results
- Optimal conditions for consistent bacterial growth
- Built-in safeguards

Easy to Use

- Two button start
- Minimal training required

"The best and most innovative."

"Very useful and effective. I will introduce it to my colleagues."

— St. Camillus College of Manaoag Foundation Inc., Philippines – May 2020

Easily Create Customized Environments with a Compact and Flexible Design

Digital Touchscreen Display

Get definitive and quantitative results with the ability to monitor quality checks and tests.

Easy

Select the desired environment and press start – It's as easy as that!

Small Footprint

Compact design saves on valuable lab space.

Mobile Environments

Once the desired environment is created, the jars can easily be removed from the instrument and transported, stacked and checked in incubators. Four different size jars are available.

Flexible Throughput

Jars are available in a variety of sizes and styles, each able to hold different numbers of stacked culture plates (12-144 plates per run).

Flexible Set-Up

Gas mixtures are accurately delivered into the jars, with gas constituents remaining stable within 0.5% of the delivered concentration(s). Choose up to 3 gas connections for customized environment creation.

Data Transfer Options

Digital data storage with an optional Data Integration Package or print from a convenient optional dot matrix or thermal printer

Reliably Create Optimal Atmospheric Environments for Bacterial Growth

## Initiation and Monitoring of a Run is Easy with the Anoxomat

- To perform a run, select the desired environment
- Access advanced set-up options to program in custom recipes
- Press the start button located below this screen
- Easily print results with an optional dot matrix or thermal printer
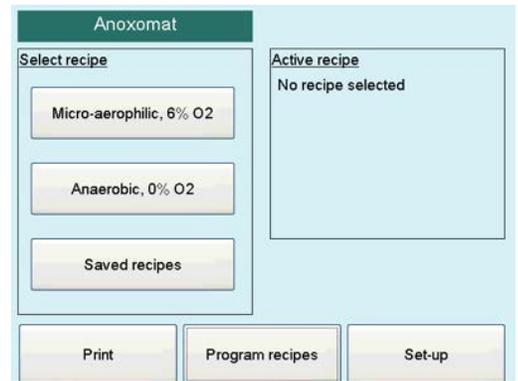
Be Confident that Each Run Gives the Desired Environment

- Jar connection test is performed to confirm the presence of a jar
- Pump evacuates the jar to perform the leak test and assure the lid is on properly with no leaks detected
- A second pressure test (known as a seal test) is applied
- If an anaerobic environment is selected, a pressure differential confirms the presence of Palladox with the catalyst test
- The jars will now cycle three more times evacuating the chamber and replacing the atmosphere
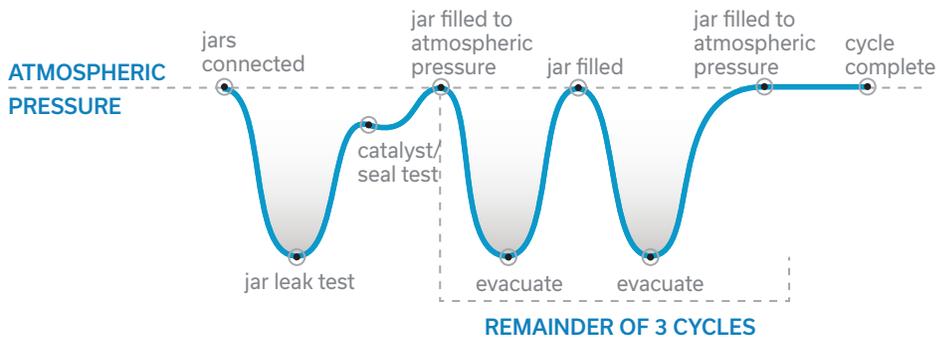
Document Each Run and Confirm Stability of the Environment

Each step of a run is monitored and displayed to give the user confidence that the desired environment is created and held for the duration of the test. Complete tests an indicated with a green check box ☑ in the Ready column. Any failed test will be displayed as a red box ☒ . Only if all tests are passed and the run completed will the ready column have green check boxes.

Versatile Options that Fit Your Lab's Needs

Standard Jars

Available in a variety of sizes for incubating test tubes, flasks, microtiter wells, 10 cm wells, or 15 cm plates

Anoxomat III System

Create custom environments in 5 minutes for effective bacterial recovery in less time

Ergonomic Jars

Flexibility and ease-of-use for laboratory techs while maximizing incubator and laboratory space.

• Stacking – Nested stacking, enabling more jars to fit easily into incubators

• Lid System – Unique lid clamp-on system creates a secure seal with a simple click

• Lid Coupling – Recessed, snap-shut lid coupling easily connects to gas supply

• Grip Handle – Fold-down grip handle for safe, easy transport

• Construction – Lightweight construction and compact design

Catalyst

Maintains anaerobic environment for the duration of the incubation

Barcode Scanner and Data Tracker (Optional)

Trace and track samples for quality control to simplify the process of record-keeping

Dot and Thermal Printers (Optional)

Easily print results for each run and place them into your lab notebook

Parts and Supplies

Part Number	Product Description
Instrument	
ANX1J1G	Anoxomat III, 1 Jar Connection and 1 Gas Connection
ANX1J2G	Anoxomat III, 1 Jar Connection and 2 Gas Connection
ANX1J3G	Anoxomat III, 1 Jar Connection and 3 Gas Connection
ANX2J1G	Anoxomat III, 2 Jar Connection and 1 Gas Connection
ANX2J2G	Anoxomat III, 2 Jar Connection and 2 Gas Connection
ANX2J3G	Anoxomat III, 2 Jar Connection and 3 Gas Connection
ANX3J1G	Anoxomat III, 3 Jar Connection and 1 Gas Connection
ANX3J2G	Anoxomat III, 3 Jar Connection and 2 Gas Connection
ANX4J1G	Anoxomat III, 4 Jar Connection 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
Catalyst	
AN3146	Palladox® 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
AN2ISC1	Registration input screen
AN2BCS	Barcode scanner
AN2DI	Data interface
AN2TT	Track and trace package

Part Number	Product Description
Petri Dish Holders	
PH 1040	Holds 12 Petri dishes, 9–10 cm diameter
PH 1050	Holds three stacks of 12 Petri dishes, 9–10 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

Specifications

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

Dimensions (W x D x H)	12 x 9 x 13 in. (30.5 x 23 x 33 cm)
Net Weight	15 kg (33 lbs.)
Shipping Weight	18.1 kg (40 lbs.)
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
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.

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