



BACT/ALERT[®] 3D

High-Performance Technology
Ensures Safety and Time Savings



PIONEERING DIAGNOSTICS



BACT/ALERT® 3D

A smart and modular design makes BACT/ALERT® 3D the most compact automated microbial detection system around. Introduced in 1998, over 350 BACT/ALERT 3D systems have been installed worldwide to perform blood culture, body fluid culture, platelet testing, in-process QC and/or food and beverage testing.

All BACT/ALERT® 3D systems share the same time-proven technology and easy-to-use design, making them the most reliable partner for your laboratory.

The patented colorimetric detection system, based on sophisticated algorithms, is designed to detect microorganisms early. Each cell is equipped with a patented cell flag, ensuring instant bottle recognition and automated quality control.

Continuous monitoring gives immediate notification of results with instant visual and audible alarms, including remote alarm capability. User-directed bottle loading simplifies workflow.

Touch

Exclusive touch-screen operation gives the operator text-free control over the system

Wand

Bar-code scanner reads bottle ID and LIS accession number for easier, faster bottle entry

Load

Each individual incubator module can be configured to perform either blood culture and body fluid, platelet testing, in-process QC and/or food and beverage testing by drawer.

Flexible System Design

Adapts to Your Laboratory Requirements

- The BACT/ALERT® 3D expandable design enables you to add additional testing capacity as you need it. Stackable modules can be arranged to save space and accommodate any laboratory layout.
- Occupying one third the space of other systems, BACT/ALERT 3D is the most compact microbial detection system available.
- Each individual incubator module can be configured to perform either blood culture and body fluid, platelet testing, in-process QC and/or food and beverage testing by drawer.

BACT/ALERT® 3D meets your volume requirements - simply choose the number of modules required based on your laboratory testing volume.

60,000	
50,000	
40,000	
25,000	
15,000	
20,000	
10,000	
5,000	
30,000	

ANNUAL BOTTLE VOLUME * MODULE

* Seven day protocol.



CONTROLLER MODULE

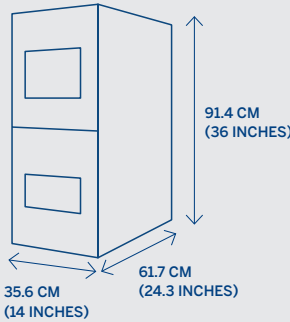
This module enables up to 6 incubation modules to be operated from one set of electronics and integrated computer hardware.

INCUBATOR MODULE

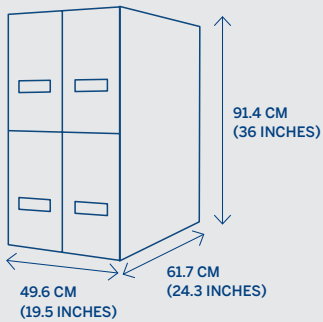
Four incubation drawers of 60 cells giving a total capacity of 240 cells. Each drawer has an independent shaking mechanism, enabling static or shaken cultures within the same system.

COMBINATION MODULE

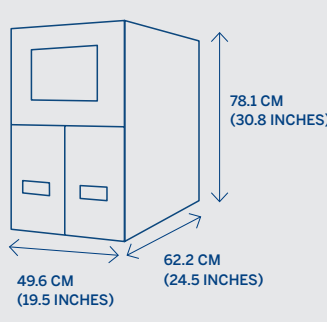
Combine all the BACT/ALERT® 3D capabilities in a surprisingly compact format: a control and incubation module in a single instrument. Each module has a total incubation capacity of 120 cells (2 drawers) but can also connect to up to 3 incubation modules.



WEIGHT • 41 Kg (91 lbs)



UNLOADED WEIGHT • 119 Kg (262 lbs)
LOADED WEIGHT • 139 Kg (295 lbs)



UNLOADED WEIGHT • 90.7 Kg (200 lbs)
LOADED WEIGHT • 95 Kg (210 lbs)

SPECIFICATIONS

SPECIFICATIONS

SPECIFICATIONS

ELECTRICAL POWER SERVICES REQUIREMENTS

- 100/120 Volts (50-60 HZ)
- 220/240 Volts (50-60 HZ)

POWER CONSUMED IN WATTS

- @115 V.A.C. 72 Watts typical
- @230 V.A.C. 72 Watts typical

HEAT DISSIPATED

- 245 Btu/Hr. 2840 maximum

SOUND EMISSION

- 46.4 dB

ELECTRICAL POWER SERVICES REQUIREMENTS

- Operating Temperature Range 10°C to 30°C (50°F-86°F)
- Operating Humidity Range 10% to 90% relative humidity, non-condensing

ELECTRICAL POWER SERVICES REQUIREMENTS

- 100/120 Volts (50-60 HZ)
- 220/240 Volts (50-60 HZ)

POWER CONSUMED IN WATTS

- @115 V.A.C. 256 Watts (idle), 640 Watts typical
- @230 V.A.C. 265 Watts (idle), 640 Watts typical

HEAT DISSIPATED

- 904 Btu/Hr. 2840 maximum

SOUND EMISSION

- 54.7 dB

ELECTRICAL POWER SERVICES REQUIREMENTS

- Operating Temperature Range 10°C to 30°C (50°F-86°F)
- Operating Humidity Range 10% to 90% relative humidity, non-condensing

ELECTRICAL POWER SERVICES REQUIREMENTS

- 100/120 Volts (50-60 HZ)
- 220/240 Volts (50-60 HZ)

POWER CONSUMED IN WATTS

- @115 V.A.C. 256 Watts (idle), 640 Watts typical
- @230 V.A.C. 265 Watts (idle), 640 Watts typical

HEAT DISSIPATED

- 904 Btu/Hr. 2840 maximum

SOUND EMISSION

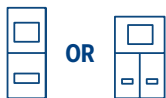
- 55.5 dB

ELECTRICAL POWER SERVICES REQUIREMENTS

- Operating Temperature Range 10°C to 30°C (50°F-86°F)
- Operating Humidity Range 10% to 90% relative humidity, non-condensing

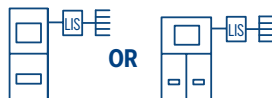


SELECT™



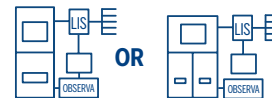
The standard solution for routine microbial testing where extensive data management and Laboratory Information System (LIS) connectivity are not needed.

SELECTLINK™



The ideal solution for routine microbial testing where a bi-directional LIS interface is required to exchange data and results.

SIGNATURE™



The high-performance solution when extensive data management capabilities are required. This is possible through the LIS interface and the OBSERVA® software package.

User-Friendly Approach for Data Management

Ensures Optimum Flexibility

BACT/ALERT® 3D offers you the data management option that best suits your unique laboratory. Each option has virtually the same graphical, textfree, touch-screen user interface.

