



# BACT/ALERT® 3D

Blood Culture System



PIONEERING DIAGNOSTICS



# BACT/ALERT® 3D

## Positively, Proven.

Built on bioMérieux’s patented colorimetric technology, the BACT/ALERT 3D demonstrates fast results and recovery of a wide range of organisms.

▶ 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.

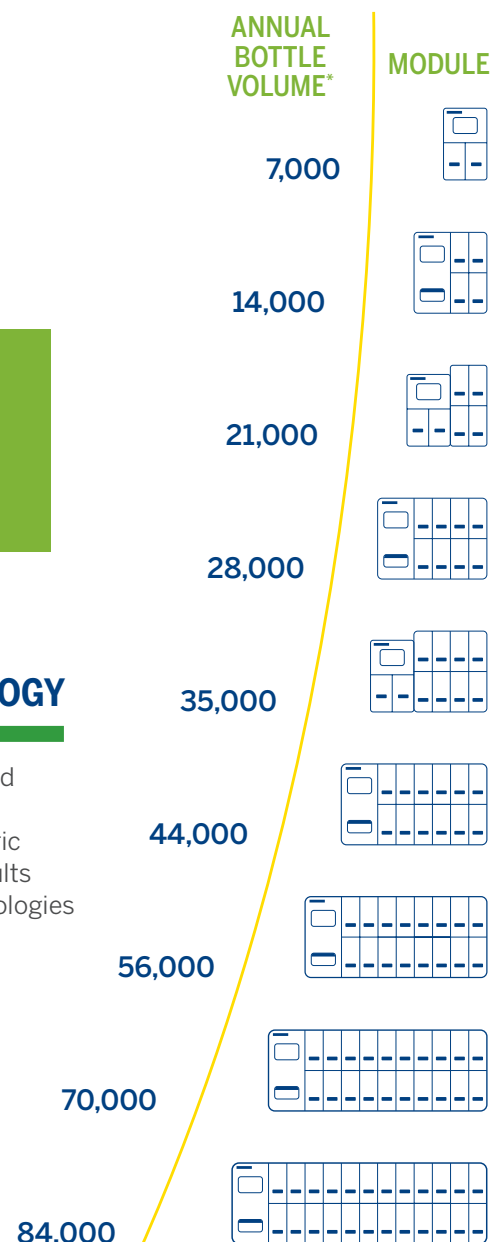


### THE POWER OF COLORIMETRIC TECHNOLOGY

Our patented colorimetric detection systems are designed to detect microorganisms early, even with delayed entry of 24 hours or more depending on bottle type. Colorimetric technology provides the most predictable and stable results for up to 1.5 times fewer false negatives than other technologies (e.g., fluorometry).<sup>1,2</sup>

### FLEXIBLE AND MODULAR

We’ve designed a microbial detection system to meet your individual needs. The **BACT/ALERT 3D** modules enables the most flexible, ergonomic configuration to meet space limitations. The control module manages all bottle inventory and data, while the incubator module performs the testing. Modules can be configured to accommodate bottle volumes of 7,000 to 84,000 bottles yearly.



**BACT/ALERT 3D can meet all your volume requirements - simply choose the number of incubator modules required based on your laboratory testing volume.**

\*Five day protocol



Control Module	Incubator Module	Combination Module
This module enables up to 6 Incubation Modules to be operated from one set of electronics and integrated computer hardware.	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.	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.
<div><div>Width: 14 inches (35.6 cm)</div><div>Height: 36 inches (91.4 cm)</div><div>Depth: 24.3 inches (61.7 cm)</div><div>Weight   91 lbs (41Kg)</div></div>	<div><div>Width: 19.5 inches (49.6 cm)</div><div>Height: 36 inches (91.4 cm)</div><div>Depth: 24.3 inches (61.7 cm)</div><div>Unloaded Weight   262 lbs (119Kg)</div><div>Loaded Weight   295 lbs (133Kg)</div></div>	<div><div>Width: 19.5 inches (49.6 cm)</div><div>Height: 30.8 inches (78.1 cm)</div><div>Depth: 24.5 inches (62.2 cm)</div><div>Unloaded Weight   200 lbs (90.7Kg)</div><div>Loaded Weight   210 lbs (95Kg)</div></div>
Specifications	Specifications	Specifications
<b>Electrical Power Requirements</b> <ul style="list-style-type: none"><li>• 100/120 Volts (50-60 HZ)</li><li>• 220/240 Volts (50-60 HZ)</li></ul> <b>Heat Dissipated</b> <ul style="list-style-type: none"><li>• 245 Btu/Hr. 2840 maximum</li></ul> <b>Sound Emission</b> <ul style="list-style-type: none"><li>• 46.4 dB</li></ul> <b>Environmental Requirements</b> <ul style="list-style-type: none"><li>• Operating Temperature Range</li><li>• 50°F-86°F (10°C to 30°C)</li></ul>	<b>Capacity</b> <ul style="list-style-type: none"><li>• 240 cells (60 cells/drawer)</li></ul> <b>Electrical Power Requirements</b> <ul style="list-style-type: none"><li>• 100/120 Volts (50-60 HZ)</li><li>• 220/240 Volts (50-60 HZ)</li></ul> <b>Heat Dissipated</b> <ul style="list-style-type: none"><li>• 904 Btu/Hr. 2840 maximum</li></ul> <b>Sound Emission</b> <ul style="list-style-type: none"><li>• 54.7 dB</li></ul>	<b>Capacity</b> <ul style="list-style-type: none"><li>• 120 cells (60 cells/drawer)</li></ul> <b>Electrical Power Requirements</b> <ul style="list-style-type: none"><li>• 100/120 Volts (50-60 HZ)</li><li>• 220/240 Volts (50-60 HZ)</li></ul> <b>Heat Dissipated</b> <ul style="list-style-type: none"><li>• 904 Btu/Hr. 2840 maximum</li></ul> <b>Sound Emission</b> <ul style="list-style-type: none"><li>• 55.5 dB</li></ul>



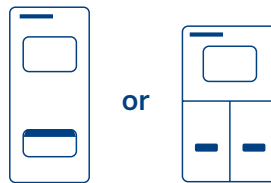


## BACT/ALERT® 3D offers you options that best suits your unique laboratory organization.



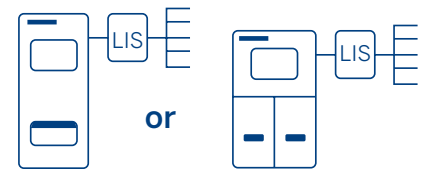
### Select

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.



## ANTIMICROBIAL STEWARDSHIP

A world leader in the field of *in vitro* diagnostics for more than 50 years, bioMérieux provides diagnostic solutions (reagents, instruments, software/middleware) which determine the cause of disease and contamination to improve patient health and ensure consumer safety. bioMérieux is a partner you can work with to enhance your antimicrobial stewardship efforts — providing faster, more accurate and actionable results that can help improve health outcomes and deliver measurable downstream savings.

**BACT/ALERT FAN® PLUS** blood culture media supports antimicrobial stewardship through faster time to detection which enables quicker identification and susceptibility results leading to timely and more effective antibiotic administration.<sup>3</sup>



### References:

1. Akan OA, Yildiz E. **Comparison of the effect of delayed entry into 2 different blood culture systems (BACTEC 9240 and BACT/ALERT 3D) on culture positivity.** *Diagn Microbiol Infect Dis.* Mar 2006; 54(3):193-196.
2. Ziegler R, Johnscher I, Martus P, Lenhardt D, Just HM. **Controlled clinical laboratory comparison of two supplemented aerobic and anaerobic media used in automated blood culture systems to detect bloodstream infections.** *J Clin Microbiol.* 1998;36(3):657-661.
3. Beaudoin MC, Gervais P, Ruest A, et al. **Comparative evaluation of BACT/ALERT® Standard, BACT/ALERT® PLUS, Bactec® FX and VersaTREK® blood culture systems with simulated adult and paediatric bacteremia conditions.** ECCMID 2015: Poster EP056.