



**Save Time,
Save Money,
Increase Productivity**

The Growth Direct™ System

One Technology, Multiple Applications

The Growth Direct™ System leverages a single technology to perform common microbiology tests. With initial results in hours and final results in half the time of traditional methods, the system automates the tedious, manual enumeration steps associated with traditional microbial quality control.

Four tests in a single device

The Growth Direct™ System manages testing for **Sterility, Environmental Monitoring, Water and Bioburden** in a single instrument. Sample preparation mirrors the current methods.

Non-Destructive results in half the time

The system leverages proven detection technology to enumerate growing colonies without the use of reagents. Final results are available in about half the time of the existing method.

Configurable Capacity

Designed with high throughput in mind, the system contains two incubators with a total incubation capacity up to 700 cassettes. Robotics concurrently loads, incubates and enumerates samples, providing the maximum throughput in minimal space.

Integration to LIMS

The Growth Direct™ System seamlessly integrates into existing laboratory information management systems, accelerating the availability of sample data beyond the lab and eliminating any keying errors associated with manual sample processing.

Actionable Alerts

Respond to positives as soon as they are found. Configurable action and alert limits provide emails and mobile alerts in the event of out of specification samples.

Available in 2013



Rapid Micro Biosystems, Inc.
One Oak Park Drive
Bedford, MA 01730 United States

Rapid Micro Biosystems Europe GmbH
Frankfurter Strasse 129
64293 Darmstadt Germany

ph: +1 781.271.1444 | fx: +1 781.271.9905
www.rapidmicrobio.com

Frequently Asked Questions

How does the system get the same results as the current test?

The method is based on the current test and uses no reagents. The device analyzes the natural autofluorescence of growing cells and tracks growth over time.

What is the time to results for this device?

A positive result will be available within hours and a final result in about half the time of the compendial test.

What kind of system monitoring is available?

The system monitors the internal operations of incubators including temperature, humidity and capacity; as well as incoming and outgoing samples. The technology also provides configurable action and alert levels. For sterility testing, the system ensures the oxygen-free status of the anaerobic sample.

How does a user interact with the system?

The system has an intuitive touch screen for ease of use. The home screen provides the information typically needed to monitor testing.

Will my sample preparation have to change?

No, sample preparation will be the same as your current processes.

What types of contaminants are detected?

The Growth Direct™ System for Water and Bioburden detects molds, yeasts and bacteria.

How large is the new device?

The device is comparable in size to a floor standing incubator or a -80°C freezer. The approximate measurements are 55" (140 cm) wide by 37" (94 cm) deep. The height of the device is 94" (239 cm).

What kind of services and support are available?

Rapid Micro Biosystems provides multiple levels of support from installation and validation; application, preventative maintenance and service. We ensure the consistent and high efficiency operation of the Growth Direct™ System.

What is the cost of the Growth Direct™ System?

The device is priced to ensure a compelling return on investment for the micro quality control lab. Speak with a Rapid Micro Biosystems representative who will provide a quotation and help you build your case.

Where can I see the device?

Rapid Micro Biosystems will host events in Bedford, MA, featuring the device. Visit www.rapidmicrobio.com/workshops to register for one of these events.

Water and Bioburden



Sterility Testing



Environmental Monitoring

