

TOWER

OF POWER



GrowthDirect
Instrumental to your success

The Growth Direct
System automates
microbial QC for good



EMPOWER YOUR LAB

Your manufacturing facilities face ever-increasing demand for greater production capacity. This drives up test volume in your microbiology QC lab, where you must achieve reliable results and regulatory-compliant documentation, all with limited resources.

Relying on current compendial testing methods just isn't a viable option. Compendial testing is labor-intensive, produces slow results prone to human error, and is vulnerable to tampering and poor compliance.

The result: massive inefficiency, increased risk of errors, and lost time, which can be costly to your brand and your bottom line.

Now, with a breakthrough in automation, you can empower your lab to be more efficient than ever before.



Growth Direct: the first and only growth-based system to fully automate compendial testing

By automating and accelerating microbial QC, only Growth Direct delivers the performance you need:

- Faster results with fewer human errors due to misplaced or mislabeled plates, miscounts, and transcription mistakes
- Data integrity compliance
- Increased lab efficiencies
- Decreased hands-on labor

with the POWER of AUTOMATION.

The **1 for 3** : EM, Bioburden, Sterility. **Automatically.**

Growth Direct provides the first fully automated platform for all three critical QC applications:

1
Environmental
Monitoring of air,
surface, and
personnel

2
Bioburden
Testing of raw
materials, in-process
products, and water

3
Sterility
Testing for final
release of products

The right answers.
Right now.

Use the power of Growth Direct for timely, consistent, non-destructive enumeration of colonies and faster, more accurate test results than traditional culture counting.

Growth Direct provides initial detection within hours and final results in about half the time of the compendial method.





The power to ensure data integrity and maintain physical security

- Maintains accurate, complete, and intact data records within their original context to ensure their trustworthiness
- Securely protects data against willful or accidental loss, damage, or unauthorized changes
- Records data in a permanent form that's easily accessible for the lifetime of the record
- Compliant with 21 CFR 11 guidance
- Features password-protected software to optimize data security and approval
- Once loaded into Growth Direct, uniquely labeled cassettes are protected by an authorized access system with an audit trail
- Automates reporting and eliminates the risk of manual data entry errors

Towers over all other options for the greatest throughput

- Growth Direct provides the highest incubation capacity solution of any rapid detection system on the market
- Features two on-board incubators with independently set temperatures
- State-of-the-art robotics concurrently load, incubate, and analyze samples, maximizing throughput and availability with a minimal footprint



Integrates seamlessly into your LIMS

- When integrated into your LIMS, Growth Direct allows near real-time trending review to improve quality control, ensure data integrity, accelerate the availability of sample data beyond the lab with rapid coordination of EM trending, eliminate any manual keying errors, and facilitate the paperless lab
- As soon as Growth Direct confirms an out-of-specification event, it sends alerts to QC for early intervention
- Enables your QC team to analyze trends over time for immediate, cost-saving decision-making
- Also operates as a standalone instrument—place it where you need it

Consistent quality at any scale

By automating the compendial method, Growth Direct ensures a standardized process that produces consistent quality, accuracy, security, and reliability.

Whatever your size, wherever your location, Growth Direct is scalable to meet your needs throughout your operation.

Worldwide, world-class service and support

Rely on Rapid Micro Biosystems for comprehensive, world-class service and support:

- On-site installation
- Comprehensive training
- IT integration support
- Complete validation services
- Regulatory compliance assistance
- Capability for remote monitoring of system performance
- Ongoing field engineering support





AUTOMATE



INCUBATE



ENUMERATE

ACCELERATE



ELEVATE

By automating the growth-based compendial method for three critical QC applications, Growth Direct delivers fast, automated, secure microbial contamination detection, enumeration, and alerts.

Now, pharmaceutical, biotechnology, medical device, and personal care product manufacturers can *confidently* conduct efficient, compliant microbial QC testing and reduce the risk of costly production disruptions.





The towering achievement in microbial QC

Growth Direct is the first and only growth-based system that fully automates compendial testing for three important QC applications: Environmental Monitoring, Bioburden, and Sterility Testing. Growth Direct delivers fast, accurate results, ensures data integrity compliance, increases lab efficiencies, decreases hands-on labor, and reduces human error.

For more information on how Growth Direct can empower your lab with the power of automation, please call 1-978-349-3200. Or visit www.rapidmicrobio.com



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Rapid Micro Biosystems, Inc.
1001 Pawtucket Blvd West
Lowell, MA 01854
T: +1-978-349-3200
F: +1-978-349-2065

Rapid Micro Biosystems Europe GmbH
Lise-Meitner-Straße 30
85354 Freising/Weihenstephan, Germany