

*The world's only
automated system for
mycobacteria growth &
detection without sharps
or glass tubes.*

BD BACTEC™ MGIT™ 960 Mycobacteria Culture System

A Legacy of Leadership

The new **BD BACTEC MGIT 960** System is the next generation in a proven line of mycobacteria testing instruments from BD Biosciences – the undisputed world leader in mycobacteriology. The **BD BACTEC MGIT 960** System builds on the legacy of the **BD BACTEC™ 9000MB** System and the **BD BACTEC™ 460TB** System, the world's first instrumented system for mycobacteria testing and still the benchmark of quality and reliability. The **BD BACTEC MGIT 960** System combines these outstanding features with the technology used in the **MGIT** (Mycobacteria Growth Indicator Tube) System.

A New Level of Simplicity & Performance

The **BD BACTEC MGIT 960** System was designed with simplicity in mind, ensuring maximum productivity with minimal staffing and training.

- **Bar code scanning**

Guides the simple 4-step operating procedure, eliminating potential errors.



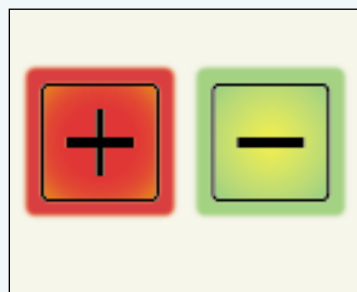
Step 1: Select workflow.



Step 2: Scan tube at instrument.



Step 3: Load where indicated by green light.



Step 4: Remove positives and completed negatives as they occur.

A Commitment to Safety & Performance

*The **BACTEC MGIT 960** System was designed to meet the needs of medium and high volume laboratories and has recently been reported as the system with equivalent performance to the **BD BACTEC 460TB** System.^{1,2}*

- **New plastic tubes enhance safety**

The **BD BACTEC MGIT 960** System accentuates operator safety with new plastic tubes, no sharps and no need to handle or transfer tubes once the system is loaded.

- **Fully automated testing**

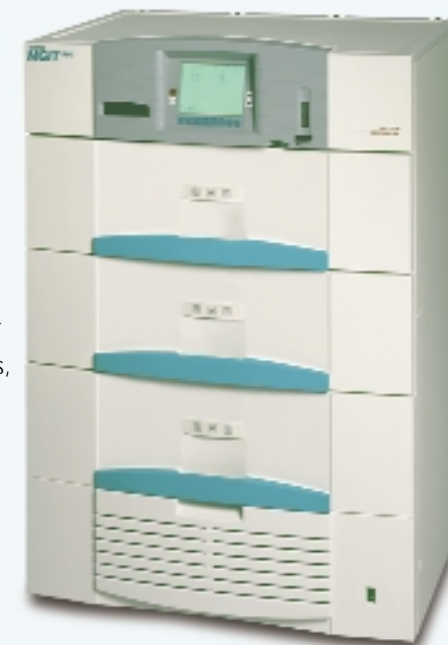
Identifies positives as they occur – often at a faster rate than other instrumented systems.^{2,3,4} Faster results can improve patient care and lower health care costs by reducing hospital stays and optimizing equipment and staff utilization.

- **Unprecedented 960-tube, space-saving capacity**

Features test capability of approximately 8000 specimens per year from a system that makes optimal use of valuable laboratory space.

- **Functions with the new BD EpiCenter™ System for high-power data management**

Use with the **EpiCenter** System multiplies your options. Long-term data storage and historical trending are now possible with bi-directional interface to an LIS. Conduct long-term tracking of individual TB patients and research for susceptibility patterns.



The **BACTEC MGIT 960** instrument automatically directs the placement of each tube within the instrument and indicates positives with both a visual and an audible signal as they occur.

The **BACTEC MGIT 960** System is nonradiometric. It uses **MGIT** media and patented sensors, making efficient use of advanced **fluorometric technology**, which permits highly accurate detection of O₂ consumption without sharps. **Automated quality control** is performed continuously to ensure precise and reliable operation. Results are provided as **positive/negative** and numerical **Growth Units**.

¹Roggenkamp et al. JCM, Vol. 37, No. 11, p. 3711-3712.

²Tortoli et al. JCM, Vol. 37, No. 11, p. 3578-3582.

³Alcaide et al. JCM, Vol. 38, No. 1, p. 398-401.

⁴Hanna et al. JCM, Vol. 37, No. 3, p. 748-752.



Complete Solutions for Mycobacteria Testing



BACTEC™ MGIT™ 960 Susceptibility Tests*

Fully automated AST



BBL™ MGIT™

Advanced fluorometric manual mycobacteria detection



BACTEC™ 9000MB

Fully automated mycobacteria detection system



BACTEC™ 460TB

Automated mycobacteria detection and susceptibility testing



BDProbeTec™ ET

Mycobacterial assays using amplified probe technology for direct detection and culture ID**



Lowenstein-Jensen and Middlebrook

BBL™ Prepared Tubed Media



Falcon™

Sputum Collection System



BBL™ Acid-Fast and Fluorescent Stains

Staining kits and reagents for mycobacteria



BBL™ MycoPrep™

Mycobacterial specimen digestion/decontamination kit

*AST not available in US.
**Mycobacterial assays not available in US.



BD Biosciences

Becton, Dickinson and Company
7 Loveton Circle
Sparks, MD 21152-0999 USA
800.638.8663
www.bd.com/microbiology

11 rue Aristide Bergès
38800 Le Pont de Claix, France
Tel: 33.4.7668.3636

2771 Bristol Circle
Oakville, Ontario
Canada L6H 6R5
Tel: 800.268.5430

30 Tuas Avenue 2
Singapore 639461
Tel: 65.861.0633

Monte Pelvoux 111, 9th Floor
Col. Lomas de Chapultepec
11000 México D.F.
Tel: 52.5.237.1200

Rua Alexandre Dumas 1976
04717-004 São Paulo, S.P. Brazil
Tel: 55.11.5185.9833

Akasaka DS Building
5-26 Akasaka 8-chome
Minato-ku
Tokyo, 107 Japan
Tel: 81.3.5413.8181

BACTEC, BBL, BD, BDProbeTec, EpiCenter,
Falcon, MGIT and MycoPrep are trademarks
of Becton, Dickinson and Company.
BD Biosciences is ISO 9000 Registered.
©2000 Becton, Dickinson and Company
1-2353 May 2000 Printed in USA



Indispensable to
human health

BD BACTEC™ MGIT™ 960 System for Mycobacteria Testing

Safe Operation and Fast Results in a Fully Automated System