



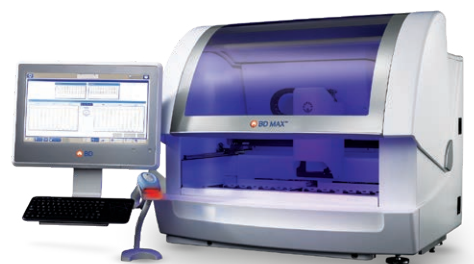
# How can you achieve MAX efficiency?

Optimize patient care with  
speed and accuracy

- To help raise staff productivity through automation<sup>1</sup>
- Leverage a versatile menu and streamlined workflow to help reduce total cost<sup>2,4</sup>
- To help improve turnaround time for fast, appropriate treatment decisions<sup>2,3,5,6</sup>

Visit [bd.com](http://bd.com) to find out how

All claims made in this sales sheet are in comparison to traditional methods.



**BD MAX™ System**



# Answers for more patients, faster. The BD MAX™ System can help.

Laboratories face many challenges, including staff recruitment and retention, cost-containment pressures, increasing test volumes, and diagnostic inaccuracies. The BD MAX™ System is designed to help address today's challenges, while preparing your laboratory for tomorrow's possibilities.

## Maximize efficiencies, raise staff productivity through automation<sup>1</sup>



Less than **1.5 minutes<sup>a</sup>** hands-on time per sample<sup>2,7</sup>



**24 patient** results in **2 to 3 hours**, on average hands-on time per run<sup>b,7</sup>



**96 samples** per **8 hour shift<sup>7</sup>**

<sup>a</sup>Based on processing 24 samples, <sup>b</sup>Assay times may vary

## The BD MAX™ System:

- Offers simple implementation and a standardized workflow<sup>7</sup>
- Provides fully automated testing for IVD and open-system reagent capabilities<sup>3,7</sup>
- Allows for increased throughput without requiring additional staff<sup>7</sup>
- Requires no visual interpretation of results<sup>2,8</sup>
- Tests up to 24 samples with different assays across a wide range of sample types<sup>3,7</sup>

**References:** 1. Knabl L et al. Comparison of the BD MAX Enteric Bacterial Panel assay with conventional diagnostic procedures in diarrheal stool samples. *Eur J Clin Microbiol Infect Dis.* 2016;35(1):131-136; 2. Hirvonen JJ et al. Comparison of BD Max Cdiff and GenomEra C. difficile molecular assays for detection of toxigenic Clostridium difficile from stools in conventional sample containers and in FecalSwabs. *Eur J Clin Microbiol Infect Dis.* 2015;34(5):1005-1009; 3. Bauman M. Transitioning from culture to molecular: implementation and integration of BD MAX™ Enteric Bacterial Panel at Cincinnati Children's Hospital. BD Advertorial. Franklin Lakes, NJ: Becton, Dickinson and Company; 2015; 4. Le Blanc L et al. Cost-effectiveness and laboratory workload efficiency of 8 C. difficile testing algorithms. Poster presented at: American Society for Microbiology; May 30–June 2, 2015; New Orleans, LA; 5. Centers for Disease Control and Prevention. Recommendations for the laboratory-based detection of Chlamydia trachomatis and Neisseria gonorrhoeae—2014. *MMWR Recomm Rep.* 2014;63(RR-02):1-19; 6. Powell S et al. The impact of molecular approaches to infectious disease diagnostics. *Medical Laboratory Observer* website. <http://www.mlo-online.com/the-impact-of-molecular-approaches-to-infectious-disease-diagnostics.php>. Updated August 2, 2015. Accessed May 15, 2017; 7. Felder RA et al. Process evaluation of an open architecture real-time molecular laboratory platform. *J Lab Autom.* 2014;19(5):468-473; 8. BD MAX™ Enteric Bacterial Panel [package insert]. Becton, Dickinson and Company: Franklin Lakes, NJ; 2023.

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## Leverage a versatile menu and stream-lined workflow to help reduce total cost<sup>2,4</sup>

The BD MAX™ System offers the opportunity to help reduce total cost through its streamlined workflow and flexible design. Being able to perform multiple molecular tests on a single, automated system may help:

- Reduce the number of required instruments<sup>7</sup>
- Reduce the total cost per test<sup>2,4,7</sup>
- Reduce the need for manual tasks<sup>2,3,7</sup>

Versatile menu	
Gastrointestinal Infections	Respiratory Infections
Healthcare-associated Infections	Sexually Transmitted Infections
Women's Health	Open System Reagents

## Improve turnaround time for fast, appropriate treatment decisions<sup>2,3,5,6</sup>

The BD MAX™ System can provide answers for patients faster and allows for more sensitive detection<sup>7</sup> to help improve patient management.<sup>1,6</sup> Accurate and timely diagnoses may drive appropriate treatment decisions and infection control.

Equip your laboratory to provide answers for more patients, faster.

It's possible with the BD MAX™ System.

**Ask your BD representative how the BD MAX™ System can help you achieve maximum efficiency.**

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