Transforming microbiology. Improving outcomes.

Upgrade to modular automation with BD Kiestra™ Solutions to enhance laboratory operations, maximize financial efficiencies, and advance clinical operations.
BD Kiestra™
Expanding your laboratory’s capabilities

Discover how BD Kiestra™ Solutions can help you:

- Enhance laboratory operations
- Maximize financial efficiencies
- Advance clinical operations

Your laboratory’s needs will evolve in the near future, potentially due to increasing testing volumes, a shortage of qualified staff or changing diagnostic methods.

BD Kiestra™ Solutions are enabling laboratories such as yours to meet these changing demands:

- Offer a standardized and scalable automated solution for inoculation, incubation, plate reading and follow-up testing
- Lead to more accurate, timely and cost-effective testing, enabling you to expand your laboratory’s capabilities

We also offer various customer care packages

Assist with implementation, change management, training, workflow optimization and continuous improvement services
Enhancing laboratory operations

Automate to improve labor efficiency
- Empower staff to achieve more accurate and efficient results by reducing labeling and processing errors by up to 87%\(^1,2\)
- Allow staff to spend more time interpreting significant cultures, eliminating repetitive labor on nonsignificant samples\(^1\)
- Achieve consistent staff efficiency by reducing rework\(^1\)

Accelerate and optimize workflow
- Process samples faster\(^2\) from inoculation through automated identification and susceptibility for earlier results\(^1,3\)
- Generate accurate results faster, for swift therapy decision guidance\(^3\)
- Gain control over workflow by reducing processing delays and turnaround time\(^1\)

Maximize productivity with innovation
- Eliminate waste with walkaway automation\(^1,2\) of process steps\(^4\)
- Reduce time spent handling subcultures to increase staff capacity\(^1\)
- Easily adapt to future sample volume growth with existing staff\(^1,2\)
Maximizing financial efficiencies

Manage labor costs

- Increase your laboratory’s testing volume and staff efficiency\(^1,2\)
- Optimize your staffing levels and mix for cost-efficient, high-quality results\(^1\)
- Keep labor costs consistent while meeting future productivity demands\(^1\)

Lower laboratory and hospital costs

- Lower laboratory expenditures by reducing the need for subculturing\(^1,5,6\)
- Match staff scheduling to sample demand, enabling staff to finish work on time\(^1\)
- Improve antibiotic stewardship,\(^1\) potentially decreasing healthcare system costs
Advancing clinical operations

Enhance quality of results
- Achieve more accurate and efficient results than traditional loop-based inoculation methods\(^2,6-9\)
- Reduce variability and human error that delay turnaround time and may potentially contribute to misdiagnoses\(^5,8,10\)
- Improve end-to-end quality and accuracy with flexible solutions\(^8,10\)

Improve patient management
- Produce accurate results faster, enabling appropriate antibiotic selection and potentially reducing resistance and hospital costs\(^1,10\)
- Potentially contribute to a shorter length of stay by enabling quick, accurate results that can inform treatment decisions and reducing the time to a result needed for discharge\(^1,10\)
- Consistently produce accurate results, for more confidence in treatment guidance and positive outcomes\(^1\)
Connectivity through an intuitive informatics platform, potentially improving operational and clinical outcomes.

May increase productivity and workflow efficiencies, possibly lowering costs.
Features integrated dashboards for near real-time visibility of data, which could improve operational outcomes.

Provides a single user interface, potentially enhancing staff productivity and satisfaction.
May help accelerate turnaround time and communication among healthcare professionals, for optimal patient treatment.

Could automate and streamline laboratory workflow, driving quality and consistency in delivering diagnostic results.
Enables management of an individual laboratory or an entire network of interconnected laboratories through a secure, centralized system.

References:


Product currently in development and not available for sale.
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With BD Kiestra™ Solutions, you can confidently prepare your laboratory for future needs

- BD Kiestra™ Solutions bring a revolutionary level of automation, standardization and scalability
  - Consistently efficient, accurate testing potentially reduces costs throughout your institution and may improve outcomes\(^2\)\(^2\)\(^1\)\(^0\)
  - Modular solutions adapt to your laboratory’s needs and workflow
- As experts in microbiology and molecular diagnostics, BD can help your laboratory with solutions today and into the future

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