



Comprehensive capabilities. Breakthrough performance.

BD COR™ System, enhancing both laboratory outcomes and patient management with advanced molecular diagnostic capabilities.



Simplified interactions from sample to system



direct specimen
handling using
system racks

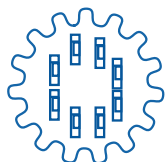


minimal
system
contact



BD COR™ System

Uniquely designed to meet the evolving needs of centralised testing laboratories



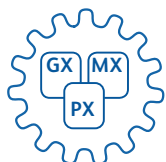
Efficiency

- Full automation with integrated specimen preanalytics
- Minimised user interactions
- Reduced workflow complexity
- High functionality per square foot



Performance

- Remote monitoring via internal cameras and built-in redundancy maximise uptime
- Multiplex PCR assay design supports accurate diagnoses, improving laboratory outcomes and patient management
- Modular and scalable to maximum throughput



Flexibility

- Random and continuous access
- Ability to prioritise testing
- Processes multiple assays simultaneously
- Multiple configurations that adapt to expanding menu and volume needs



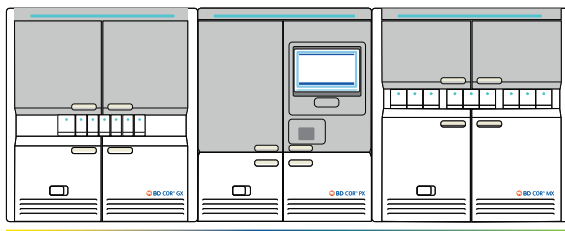
BD COR™ GX

BD COR™ PX

BD COR™ MX

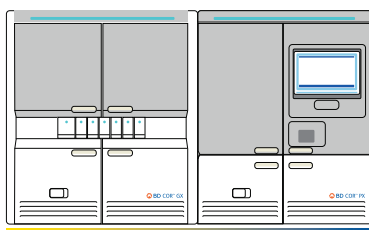
Modular options

Five configurations enable laboratories to meet specific testing needs for today and tomorrow



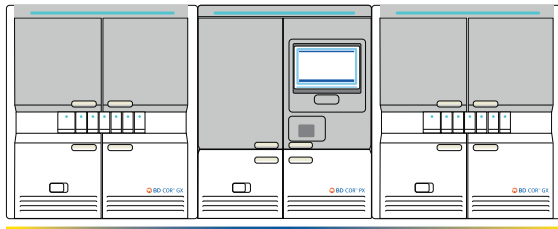
BD COR™ GX/MX System

- Supports labs performing a range of high-throughput multiplex assays
- Up to 330 GX and 576 sample results from one 8-hour shift[†]



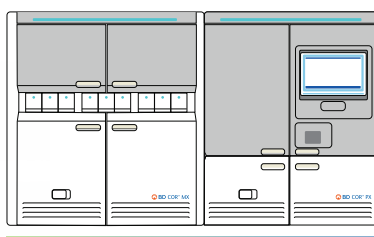
BD COR™ single GX System

- Mid-volume throughput for HPV testing
- Up to 330 results sample results from one 8-hour shift^{†,2}



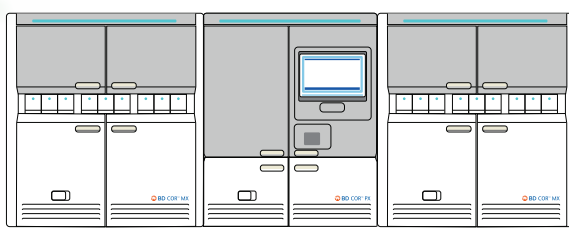
BD COR™ dual GX System

- High throughput for HPV testing
- Up to 660 sample results from one 8-hour shift^{†,2}



BD COR™ single MX System

- Mid to high volume throughput for molecular diagnostics (MDx) testing
- Up to 576 sample results from one 8-hour shift[†]



BD COR™ dual MX System

- High throughput for MDx testing
- Up to 1.152 sample results from one 8-hour shift[†]

[†]Capacity and throughput may vary based on assay and specimen types.

BD COR™ PX: Preanalytical instrument

Automates preanalytical steps for specimen and collection devices, simplifying and standardising workflows, reducing staff interaction and maximising walk-away time.

Preanalytical Automation

- Accepts closed BD SurePath™ and Hologic PreservCyt® LBC primary vials and BD collection tubes for IVD assays, incl. BD Onclarity™ Self-collection Diluent Tubes and BD Cervical Brush Diluent Tubes
- Automatically vortexes, uncaps, aliquots and recaps samples
- Performs all necessary pre-warming and cooling steps
- <15 minutes to fully load instrument for testing

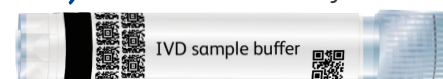
Integrated

- Automatically delivers samples to analytical instruments
- Bi-directional LIS interface via BD Synapsys™
- Barcoding functionality supports traceability throughout sample processing and testing

High capacity for on board specimen storage⁵



~2,000 BD Collection Devices for IVD assays



BD COR™ GX: HPV analytical instrument

Automates the BD Onclarity™ HPV Assay with extended genotype testing

Requires only 1 or 2 interactions per shift at maximum throughput

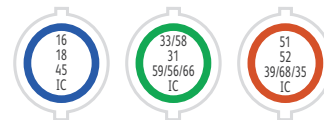
- Large capacity for reagents, consumables, samples and system waste
- Barcode driven chain of custody for full traceability and follow-up testing, if required

Minimises users' time at the instrument

- <15 min to fully load instruments for testing
- Remote system management and alert capabilities

Extended walk-away times of approximately 6.5 hours at maximum throughput

- Up to 180 HPV sample results with extended genotyping without additional user intervention



- Ready-to-use barcoded reagents stored at room temperature

BD COR™ MX: Molecular diagnostics analytical instrument

Automates testing for an expanding list of high-demand, essential assays for women's health and gastrointestinal testing using multiplex PCR assay design, requiring <15 minutes to fully load module for testing.

- Capacity for up to 9 different assays
 - Approximately 1700 tests

Respiratory menu

Women's Health

Sexually transmitted infections

⁵Based on testing and collection device combination.



BD COR™ System

Comprehensive capabilities.
Breakthrough performance.

1. Taylor SN et al. *Expert Rev Mol Diagnostics*. DOI:10.1080/14737159.2021.1894132.
2. Ejegod DM et al. *Am J Clin Pathol* 2021;XX:1-9.

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