

Simplified interactions  
from sample to system



single specimen  
handling using  
system racks



minimal  
system  
contact



just over the horizon is now here



## BD COR™ System

Comprehensive capabilities.  
Breakthrough performance.

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Breakthrough performance.

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

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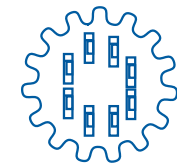
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# BD COR™ System

Uniquely designed to meet the evolving needs of centralized testing laboratories



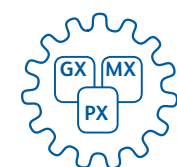
## Efficiency

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



## Performance

- Remote monitoring via internal cameras and built-in redundancy maximize 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 prioritize testing
- Processes multiple assays simultaneously
- Multiple configurations that adapt to expanding menu and volume needs



BD COR™ GX\*

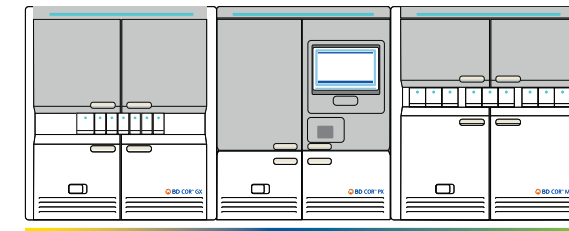
BD COR™ PX\*

BD COR™ MX\*\*

\*BD COR GX and BD COR PX modules are CE marked to the European In Vitro Diagnostic Medical Devices Directive 98/79/EC.  
\*\*BD COR MX module in development, not available for sale.

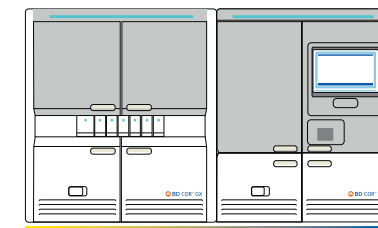
## Modular options

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



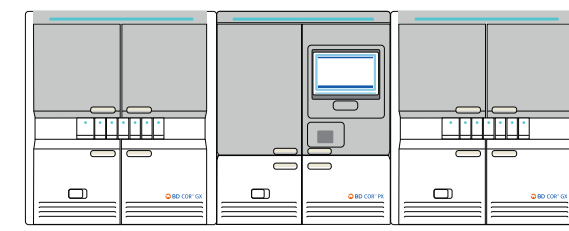
### BD COR GX and MX

- Supports labs performing wide range of multiplex assays
- Up to 180 GX and 360 MX sample results within one 8-hour shift†



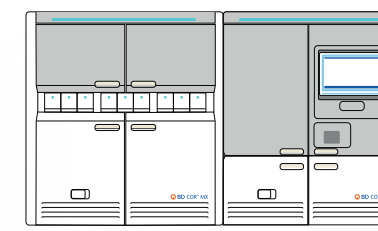
### BD COR single GX

- Mid-volume throughput for HPV
- Up to 180 sample results within one 8-hr shift†



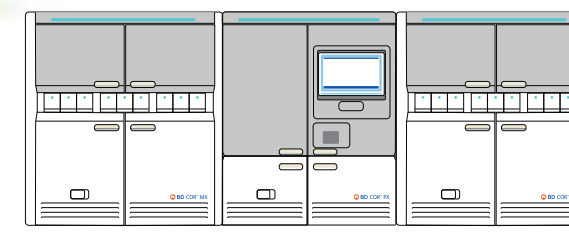
### BD COR dual GX

- High throughput for HPV
- Up to 360 sample results in one 8-hour shift†



### BD COR single MX

- Mid to high volume throughput for molecular diagnostics (MDx) testing
- Up to 360 sample results within one 8-hr shift†



### BD COR dual MX

- High throughput for MDx testing
- Up to 720 sample results within 8-hr shift†

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

## BD COR™ PX: Preanalytical module

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

### Preanalytical Automation

- Accepts closed BD SurePath™ and Hologic PreservCyt® LBC primary vials, COPAN FecalSwab™† and BD collection devices for IVD assays
- Automatically vortexes, uncaps, aliquots and recaps samples
- Performs all necessary pre-warming and cooling steps
- <15 minutes to fully load module for testing

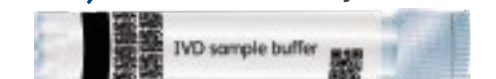
### Integrated

- Automatically delivers samples to analytical modules
- Bi-directional LIS interface
- Barcoding functionality supports traceability throughout sample processing and testing

High capacity for on board specimen storage<sup>‡</sup>



~2,100 BD Collection Devices for IVD assays



## BD COR™ GX: HPV analytical module

Automates the BD Onclarity™ HPV Assay with extended genotype testing

### Requires only 1 or 2 interactions per shift at maximum throughput

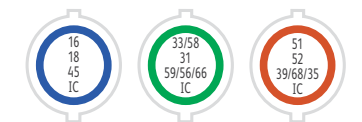
- Large capacity for reagents, consumables, samples and system waste
- Barcode driven chain of custody for full traceability and follow-up testing, if required

### Minimizes users' time at the instrument

- <15 min to fully load modules 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 user intervention



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

## BD COR™ MX: Molecular diagnostics analytical module

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

### Syndromic menu

Women's Health

Sexually transmitted infections

Gastrointestinal

†Copan FecalSwab™ capability on BD COR in development. The Copan FecalSwab is a medical device in compliance with the European Medical Devices Directive 93/42/EEC.  
‡Based on testing and collection device combination.