Comprehensive capabilities.
Breakthrough performance.

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

Flexibility
- Random and continuous access
- Ability to prioritize testing

Simplified interactions from sample to system

minimal sample handling using system racks
minimal system contact
BD COR™ PX: Preanalytical instrument

Accepts closed BD SurePath™ LBC primary vials and automates preanalytical steps to simplify and standardize workflows, reduce staff interactions, and maximize walk-away time

**High capacity**
- ~480 BD SurePath™ Liquid-based Pap Test vials
- ~2140 BD molecular sample tubes

**Automation**
- Sorts specimens automatically
- Vortexes, uncaps, aliquots and recaps samples
- Performs all necessary prewarming and cooling steps
- <15 min to fully load instrument for testing

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

BD COR™ GX: HPV analytical instrument

Automates testing of the BD Onclarity™ HPV Assay with extended genotyping. Requires only 1 or 2 interactions per shift at maximum throughput

**Maximize your lab’s efficiency and throughput**
- Up to 210 sample results within one 8-hour shift*
- High capacity for reagents, consumables, samples and system waste
- Ready-to-use barcoded reagents stored at room temperature
- Barcode driven chain of custody for full traceability and follow-up testing

**Minimize the time spent at the instrument**
- Less than 15 min to fully load the machine
- Approximately 6.5 hours of walk-away time at maximum throughput
- Up to 180 HPV sample results with extended genotyping without user intervention*
- Remote system management and alert capabilities

*Capacity and throughput may vary based on assay and specimen types.
Shape the future of cervical cancer screening with the BD Onclarity™ HPV Assay on the BD COR™ System

The BD Onclarity™ HPV Assay is the only FDA-approved assay with extended genotyping, positioning your laboratory at the forefront of cervical cancer screening, by enabling you to provide more actionable information to clinicians.1-3

- Identify HPV 16, 18, 45, plus 31, 51, and 52 individually, and the other 8 high-risk HPV genotypes in strategic groupings3
- Individually identify HPV 31, which poses a similar risk for cervical pre-cancer and cancer as compared to HPV 184
- Choose a more precise, accurate way to measure a woman’s risk for developing cervical pre-cancer and cancer compared to an assay with partial genotyping5-9