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# BD introduces fully automated infectious disease molecular diagnostic platform

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**The BD COR System is fully automated, modular, and scalable instrument, designed to address multiple needs within laboratories to handle expanding molecular testing volumes**



BD has announced the US launch of its new, fully automated, high-throughput infectious disease molecular diagnostics platform.

With 510(k) clearance from the US Food and Drug Administration (FDA), the new BD COR MX instrument is a new analytic instrument option for the BD COR System.

The first test available on the new system is the BD CTGCTV2 molecular assay, a single test that detects the three most prevalent non-viral sexually transmitted infections (STIs) — Chlamydia trachomatis (CT), Neisseria gonorrhoeae (GC) and Trichomonas vaginalis (TV). These three STIs can include a range of negative patient outcomes, from pregnancy complications to increased risk of HIV.

The BD COR MX/PX System integrates and automates the complete molecular laboratory workflow, from sample processing to diagnostic test result for large, high-throughput labs. The BD COR System eliminates the need to sort specimens enabling the lab tech to have very little interaction with the specimen freeing up time for other critical lab processes.

Together, the BD COR MX/PX System allows 1,700 specimens to be loaded, with onboard capacity for reagents and samples that provide more than seven hours of unimpeded system processing. The system is capable of delivering up to 1,000 sample results in 24 hours, eliminating multiple manual interactions per shift that were traditionally required. It also offers dual DNA targets for CT and GC detection together in the same sample and assay, which can help reduce false positives.