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Beckman Coulter Diagnostics launches fully automated urinalysis system

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DxU 1800 System features new urine chemistry analyser and consumables with market-leading microscopy



Beckman Coulter Diagnostics, a Danaher company and a global leader in clinical diagnostics, has announced the US launch of the DxU 1800 System, a fully automated urinalysis solution that combines a new chemistry analyser and consumables with

proven microscopy technology.

The system is designed to help laboratories deliver standardised results at scale, enabling clinicians to move from testing to decision making with confidence.

As part of Beckman Coulter Diagnostics' connected ecosystem, the DxU 1800 System combines the new DxU 1800c Chemistry analyser with a DxU Iris Microscopy analyser to deliver a fully automated, integrated urinalysis platform. Together, these technologies unify chemical analysis and particle imaging within a single high throughput system, helping laboratories scale operations with greater consistency and control.

The integrated solution streamlines end-to-end urinalysis by reducing manual handoffs and enabling more standardised workflows across chemistry and microscopy. By automating and connecting these processes, the DxU 1800 System leverages the DxU Iris automated urinalysis solution streamlines workflow by reducing manual microscopic review rates to less than 3%, helping laboratories improve throughput, reduce variability, and redeploy staff to higher-value tasks.

As a standalone, the DxU 1800c Chemistry analyser can process up to 300 samples per hour, supports expansive result storage of up to 2,000,000 samples and 100,000 strip images, and displays onscreen strip image results for easy review.