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Ultra-High Throughput Chemistry Systems Now Available in Europe

Beckman Coulter, Inc. has released the AU5800 Automated Chemistry System series in Europe, available in four different scalable models. The AU5800 series improves processing time compared to the current AU2700 and AU5400 systems, meeting the demands of today's high- and ultra-high-volume clinical laboratories.

Specific models in the AU5800 series are available in one- to four-module configurations with the additional option of including either a single or dual ISE flow cell.

Throughput of the AU5800 series performs up to 2,000 photometric chemistry tests per hour for the single module (AU5810). With a four-unit configuration (AU5840), laboratories can achieve throughput of up to 8,000 photometric tests per hour and can gain even more efficiency by adding a dual ISE flow cell that increases maximum throughput of up to 9,800 combined photometric/electrolyte tests per hour.

Beckman Coulter's AU5800 series offers a clear and customisable upgrade path, enabling laboratories to add components as their workflow demands increase. AU5800 systems can be used as stand-alone instruments or are designed for connectivity with Beckman Coulter automation solutions, further allowing for the potential integration with the company's clinical information systems and immunoassay testing platforms to meet a lab's exact needs.

James Widergren, group vice president of Beckman Coulter Chemistry Systems said: "These next-generation analysers demonstrate innovation in design and a commitment to continued investment in the AU family, offering labs the scalability, increased performance and efficiency they need to improve and enhance their operations."

Building on the AU family's solid reputation for high reliability and ease of use, the AU5800 series offers '3 & 60' maintenance, through which operators can perform simple functions, such as replacing probes, mixers and electrodes within three steps and in less than 60 seconds without tools. The AU5800 series also features an easy-to-use touch screen graphical user interface and operating software for an enhanced user experience. Other improvements include a new sample tray inlet, integrated rerun rack buffer unit, special priority rack ports for improved workflow efficiency and three sample processing lanes for optimised turnaround time. The AU5800 is the first automated series of chemistry analysers to be developed under the Beckman Coulter name since the integration of the Olympus Diagnostics business in 2009.

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