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Waters launches AI-powered Peak Integration to strengthen software capabilities

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Advances Waters' strategy to bring trusted AI, ML, and automation capabilities to the 500,000 Empowerâ?¢ Software users



Waters Corporation has announced AI-Powered Peak Integration, the next step in its strategy to build intelligent AI, machine learning, and automation cloud-based capabilities directly into Empower Software, the chromatography data system of record for regulated laboratories worldwide.

Waters is collaborating with several large pharmaceutical customers and academic institutions to create autonomous, AI-enabled research, development and QA/QC capabilities that follow the molecule, from discovery to release. This builds on two abilities unique to Waters: 1) supporting research workflows and then subsequently moving them directly into compliant settings on a single platform, and 2) enabling AI inside that compliant environment, so customers realize the benefits of AI without giving up control of their data or the compliant audit trail behind it.

Designed for high-throughput, compliant applications, where consistency and audit traceability are key, Waters Empower AI capabilities drive significant efficiency and productivity gains by reducing manual effort and variability in pharmaceutical late-stage development and manufacturing QC applications, while improving accuracy of results. Because the capabilities are being built directly into Empower Software, they operate inside the validated environment where highly protected customer data already resides, bringing AI and ML directly to the data, with no compromise to integrity, traceability, or compliance.

Waters is enrolling customers now for early access beginning in December 2026, with validated, compliant deployment to follow in mid-2027.