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Merck launches AAW workstation to advance lab automation

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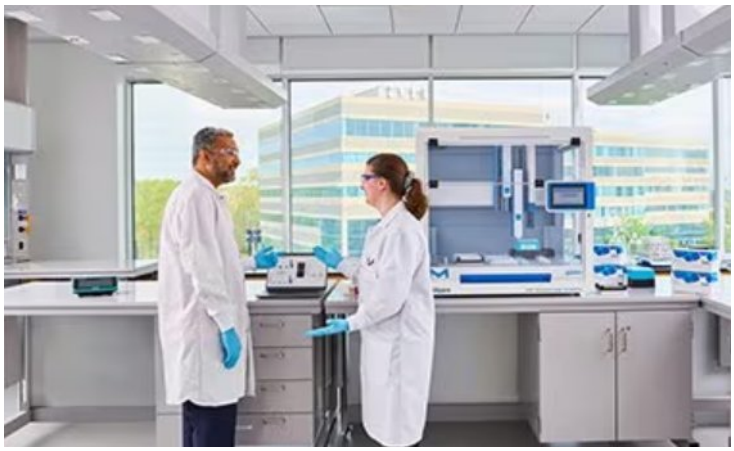
Plug-and-play design for effortless integration into diverse laboratory settings



Merck, a leading science and technology company, has launched the AAW™ Automated Assay Workstation, a solution powered by Opentrons, a leader in lab automation and accessible robotics.

The workstation automates routine laboratory experiments previously performed manually, reducing hands-on time and ensuring consistency in results across diverse experimental settings. This launch follows the earlier announcement of a multi-year partnership with Opentrons Labworks, Inc. to enhance laboratory workflows through automation.

Designed to advance the lab of the future, the AAW™ platform offers a plug-and-play setup and an extensive library of verified assay protocols across protein, molecular, and cell biology applications. Its versatility and ease of integration make it an ideal fit for academic, biotech, and pharmaceutical labs looking to boost productivity without compromising quality.

The AAW™ platform joins Merck's growing portfolio of digital and automation innovations, including:

- M-TraceMerck Software: The first software offering complete data traceability in microbial QC.
- MyMilli-Q™ Services: A digital platform for water purification system oversight, ensuring high-quality water for critical experiments.
- ChemisTwinMerck Platform: The first-ever digital reference material platform that confirms compound structures and quantifies samples.