

Automation Installation and Implementation

A Step-by-Step Automation Adoption Strategy

Suggested Microbiology Automation Implementation Pathway



Consider Moving to Liquid Based Microbiology

COPAN's automation system, WASP®DT has the capability to use traditional fiber swabs and other non-liquid samples, however COPAN's approach is to liquefy as many samples as possible to easily automate and maximize the investment in an upfront specimen processor.



Implement Automated Specimen Processing

WASP®DT allows the reassignment of valuable, often scarce, laboratory staff without compromising the quality or reproducibility of culture testing. WASP®DT is designed to mimic a technologist, utilizing industry best practices for slide preparation, planting, and streaking samples.



Implement Full Lab Automation and Digital Microbiology

WASPLab™ is a highly efficient, modular, scalable and customizable specimen processing, culture incubation and work-up system for Clinical Microbiology. Specimens move from front-end processing, to Smart Incubation, and Digital Microbiology with Artificial Intelligence/Interpretive Algorithms for automatic plate reading.

Additional Full Laboratory Automation Modules to Consider:

WASP-FLO™

Sorts and sends specimens to the appropriate instrument in laboratories that have multiple WASP®DT instruments or WASPLab™ lines



Colibri™

Performs colony picking, MALDI target seeding and McFarland suspension preparation and labeling automatically



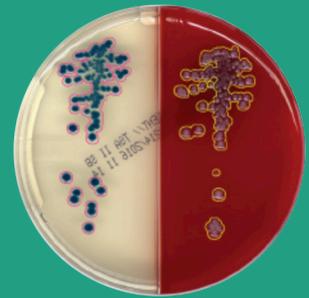
Collaborative Robot

Manages traditional manual processes for improved speed, traceability and elimination of transcription and transposition errors while also reducing repetitive stress injuries



PhenoMATRIX™

Offers WASPLab™ users advanced Artificial Intelligence (AI) with the ability to automatically pre-assesses and pre-sort culture plates. Users read, interpret and segregate bacterial cultures with the click of a button, allowing them to decrease the time to report results



COPAN: Innovating Together

Whether your automation journey begins with adopting liquid based microbiology or if you are ready for implementation of full laboratory automation, COPAN will work tirelessly to ensure your laboratory experiences the cost savings, improved workflow, and increased accuracy that automation has to offer.

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