

RETHINK ROUTINE MICROBIOLOGY



The **PATHWAY TO PRESCRIPTION** is complicated. Let Beckman Coulter's automation solutions be your laboratory's guide.

The **DxM AutoPlak** automates manual tasks and **decreases turnaround times** by minimising the need for subculturing.

There are many challenges in today's laboratory environment and these issues will continue into the foreseeable future.

STAFFING/LABOUR CHALLENGES



Of labs reported staffing challenges in 2020¹.



Demand for medical lab techs will **DOUBLE**, compared to other occupations by 2028².

DxM AutoPlak System

The DxM AutoPlak System automates your entire pre-analytical culture workflow from **tube selection** to **plate streaking**, and **loop sterilisation**.

This enables your laboratory to ensure that skilled labor is focused on the most critical tasks to optimise patient care.



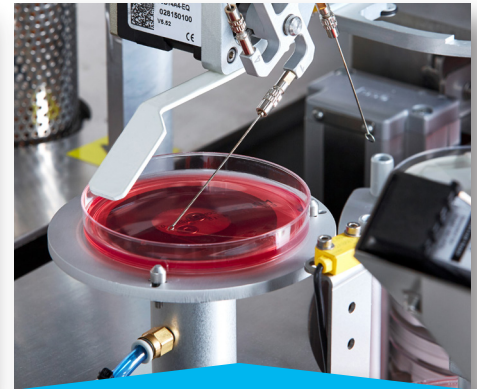
INCREASED PRODUCTIVITY

- Load up to 120 samples continuously with random access capability and dual drawer access
- Load up to 440 plates
- Inoculate and streak up to 125 plates/hour



AUTOMATED PROCESSES

- Vortex, uncap, and recap specimen containers
- Implement plate streaking with various patterns according to protocols
- Verify accuracy with camera and image analysis



IMPROVED EFFICIENCY

- Establish standardised method and improve colony isolation with automated streaking
- No need to sort samples by type of tube or volume of loop
- Ensure correct sampling and traceability through barcoding

Up to **55% smaller** instrument footprint versus competitive systems*

TOUCHSCREEN INTERACTION

Initiate automated streaking, review reports, and set up processing protocols
Full integration into LIS interface possible.

PLATE UNLOADING

Easy access to remove pre-sorted plates.

SAMPLE LOADING

Sample racks are compatible with liquid samples and wide range of tubes and caps.

PLATE LOADING

Load up to 440 plates
up to 11 different media types



Instrument Specifications

Length	185cm
Height	200cm
Depth	92cm
Weight	~500kg



Check out **additional module options** for added productivity! Add-on modules can be integrated into the instrument and take up no additional space.

SLIDE-PREP

Add flexibility using specialised plates, enabling inoculation of slides.

ENRICHMENT BROTH

Automate inoculation, mixing, and labelling.

BI-PLATE STREAKING

Reduce costs with bi-plate streaking and labelling.

AUTOMATED DISK DISPENSING

Customise from multiple vendors with three onboard disk dispensers.

The **DxM AutoPlak** shortens hands on time and supports high sample throughput all while maximising a lab technologist's walkaway time.³



Not all products are available in all countries.



TO LEARN MORE ABOUT WHAT BECKMAN COULTER'S AUTOMATION SOLUTIONS CAN OFFER YOUR MICROBIOLOGY LABORATORY, PLEASE VISIT:

www.beckmancoulter.com/dxmautoplak

*Competitive systems include COPAN WASP® and BD Kiestra™ InoqIA™

References

1. www.wsj.com/articles/help-wanted-at-covid-19-testing-labs-11602583202
2. www.bls.gov/opub/mlr/2019/home.htm
3. Nowag, A. et. al (2018). Automation in Routine Microbiology – Performance Data of a New Automated Inoculation System [Poster Presentation]. European Congress of Clinical Microbiology and Infectious Diseases, Madrid, Spain.

AUTOPLAK and AUTOPLAK Advanced are manufactured by SENER Ingenieria y Sistemas, S.A.
WASP: Walk-Away Specimen Processor is a registered trademark or trademark of Copan Italia SpA.

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