

Cyclone™

Your lab partner

Revolutionise your sample processing



Copan
innovating together

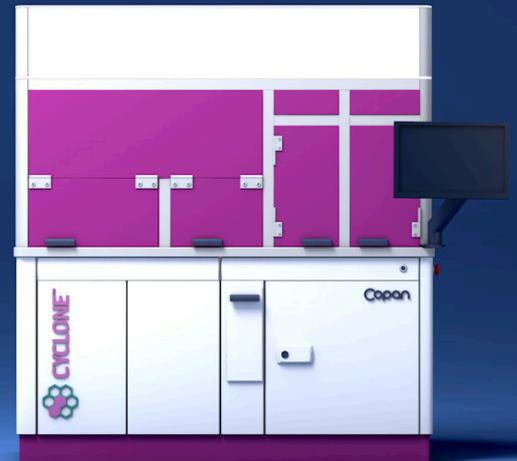
 don whitley
scientific
culturing innovation



CYCLONE™

Are you ready to bring your lab to the next level?

Cyclone is the easy, reliable, and flexible way to automate your microbiological analysis workflow. Created by Copan Newlab, this innovative walk-away equipment helps you optimise several steps of your daily lab routine, from serial dilutions to sample analysis.



Flexible and safe

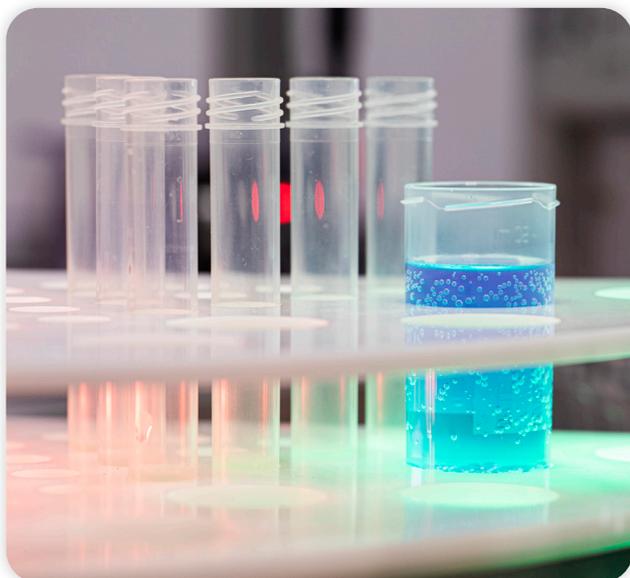
Designed for microbiological quality control labs

One single platform, endless opportunities: manage different protocols in the same run using various shaped containers, different inoculation volumes, sample mixing, dilution set, and multi-agar types.

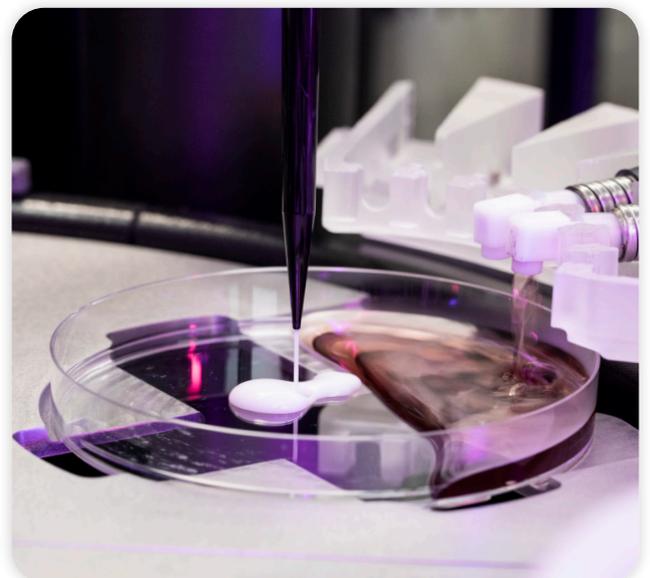
Cyclone™ performs all plating techniques, including spreading, pouring, and streaking. Thanks to the communication with any LIMS system, Cyclone™ allows you to automatically identify samples, determine protocol settings, and create a final report.

Its high scalability allows you to adjust its performance according to your needs, even during high production peaks.

The Cyclone™, equipped with a H14 HEPA Filter, doesn't have to be installed in classified areas and fits perfectly into your lab.



Bottom sample barcode reading



Sample and agar pouring into the Petri dish

Cyclone components

Flexibility on your needs

Over Cyclone™ a HEPA ABSOLUTE FILTER avoids any cross-contamination in the working area

AUTOMATIC LIQUID HANDLER

Sample inoculation for pouring and surface plating

MULTI-MEDIA MODULE (optional)

Multi-media module supply with up to 6 x types of media for pour plating

INPUT CAROUSEL

Load empty plates for pouring. Load ready to use plates for surface plating

BARCODE PRINTER

Full paperless traceability of samples and plates

SAMPLE TURNTABLE

Compatible with any sample container and dilution tube

SERIAL DILUTION MODULE (optional)

Makes serial dilutions of samples

PLATE SORTER CAROUSEL (optional)

Prepared plates are automatically sorted by temperature and incubation conditions

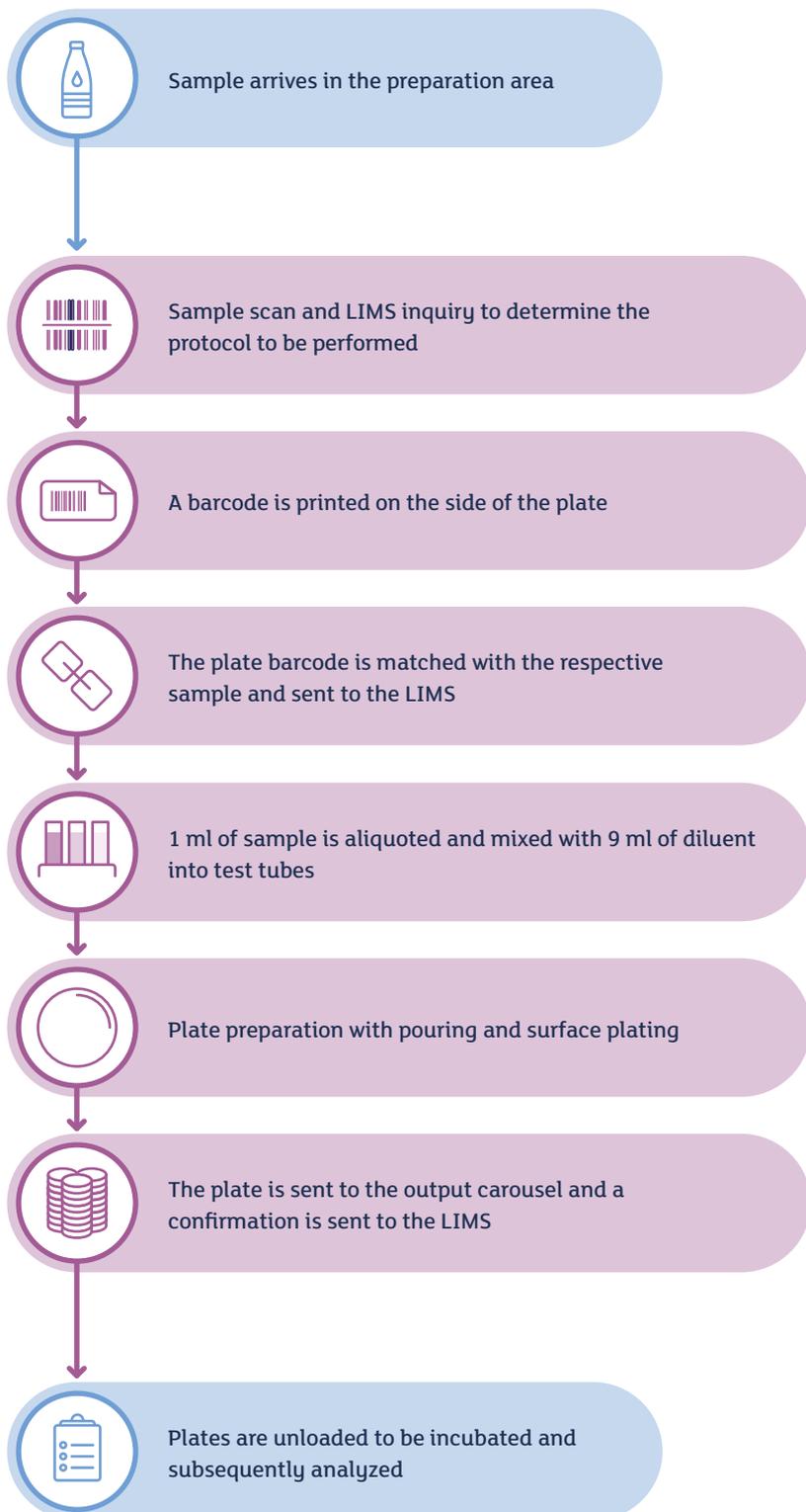
See Cyclone™
in action!

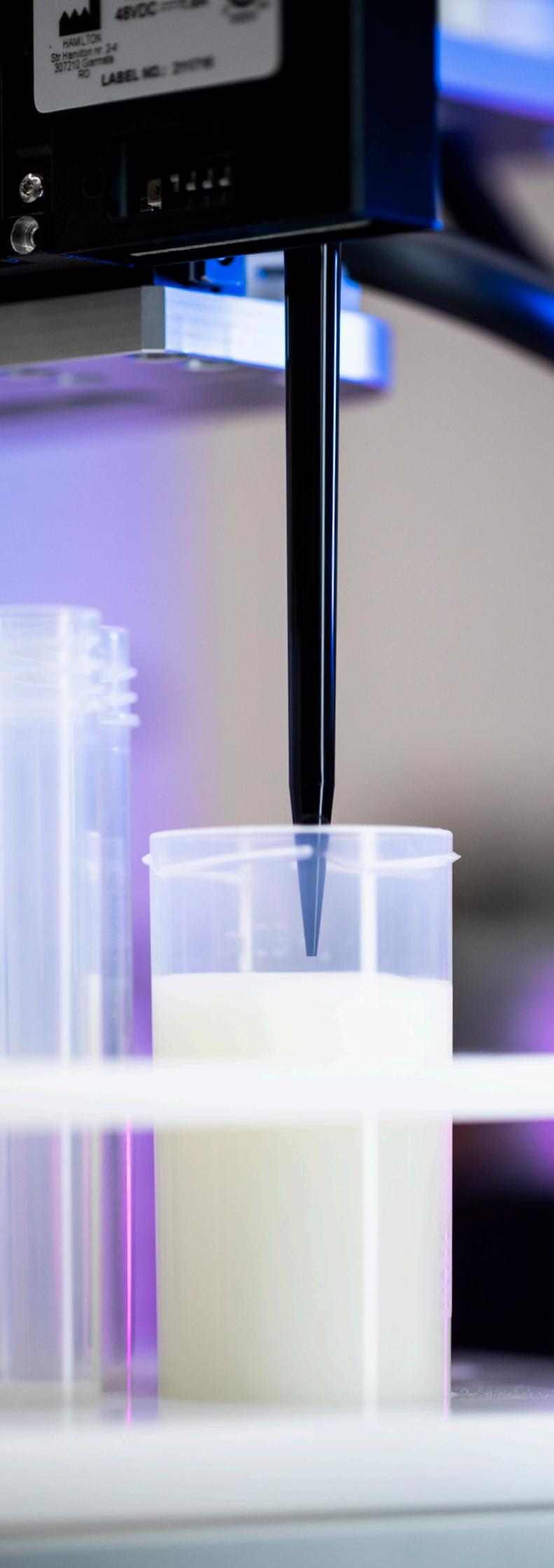


Cyclone™ integration into the

Manual operations

Cyclone™ operations





Cyclone™ features and benefits



Automate your workflow

Cyclone™ requires minimal intervention for sample processing, reducing repetitive tasks and time-consuming, error-prone manual labour. Better staff health, increased standardisation, and reduced costs are the result



Extreme flexibility

Cyclone™ is configurable to make the most of every lab. Adapting it to your needs can bring your lab performance and productivity to the next level



Enhanced quality and repeatability

Automating your workflow with Cyclone™ enhances the quality of results and reduces turnaround time. Moreover, it ensures prompt reactivity in case of contamination and no disruptions during the peak times



Digitize your data

Digital data transfer offers full traceability, and compatibility with any LIMS. Cyclone™ is CFR 21 Part 11 compliant



Proprietary technology

Copan Newlab in-house software development guarantees prompt support with dedicated resources



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