

PharmaLab™

# We do the count, you do what counts

Streamline the microbiological quality control  
and secure the safety  
of your products



**Copan**  
innovating together

 don whitley  
scientific  
culturing innovation





# PHARMA**Lab**<sup>™</sup>

## All-in-one-incubation and reading

PharmaLab<sup>™</sup> is the fully automated platform that takes care of the whole quality control process for the pharmaceutical industry. From plate handling to incubation, from image analysis to reporting.



Refine your workflow

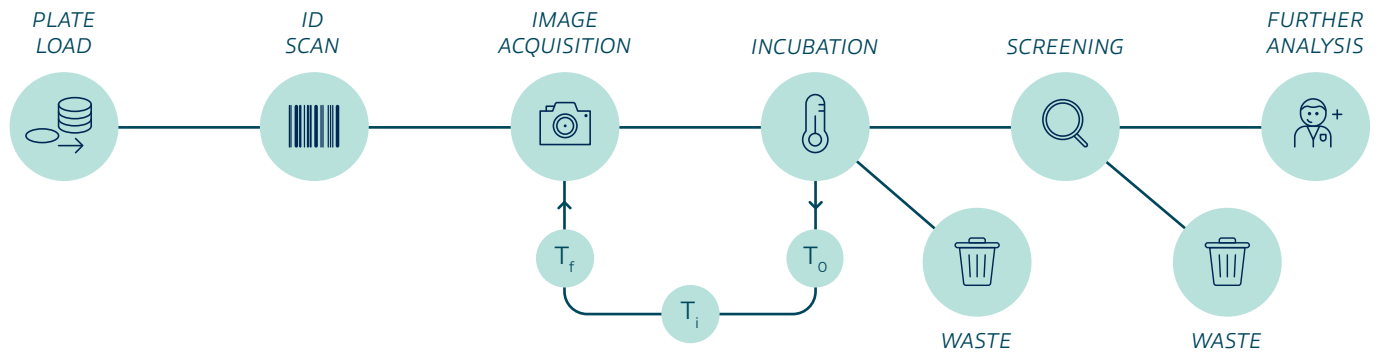
## PharmaLab<sup>™</sup> ensures the complete monitoring of your quality control processes

PharmaLab<sup>™</sup> AI-based image analysis system detects growth as soon as it appears. Its full compatibility with any LIMS environment allows full, automatic, and digital traceability from the incoming sample to the final result. The automatic storage of results ensures full data integrity, supporting you through any audit trail. All these features streamline your environmental control and save time.



Plate image analysis using the PharmaLab<sup>™</sup> software.

# PharmaLab™ process



## 2. BARCODE READING

The barcode of each plate is tracked, and the software generates the sample journey

## 1. LOADING CAROUSEL

Plates are placed into the dedicated carousel, which can be extracted for easy loading

## 3. IMAGE ACQUISITION

The camera acquires plate images to enable differential analysis

## 4. INCUBATOR

The incubator allows culture growth at the selected temperature. Features:

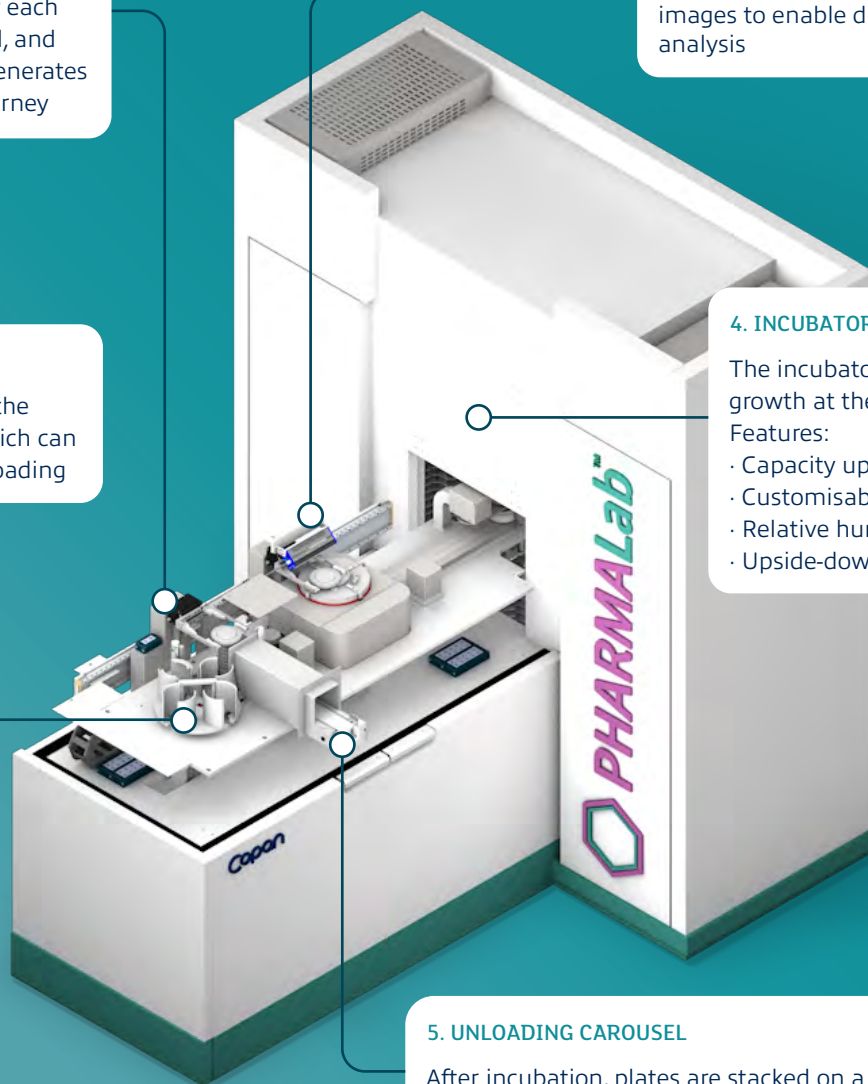
- Capacity up to 2300 plates
- Customisable temperature
- Relative humidity range 20% - 40%
- Upside-down or upright incubation

## 5. UNLOADING CAROUSEL

After incubation, plates are stacked on a dedicated slide. Plates can be sorted based on the reading result



See PharmaLab™ software in action!



Imaging expertise

## Copan, here we are!

With a worldwide install base of over 1000 automations through clinical, food and forensics, we are now breaking ground in pharma. Image analysis is spearheading our technology, boasting a top-quality image acquisition. Combined with our differential time software, it can detect and evaluate pinpoint colonies 0.2 mm<sup>2</sup>.



### Open platform

The system can manage all commercially available plates



### Extremely deep pictures

Tag colonies that the naked-eye would overlook. Images are taken from several points of view and with multiple lights



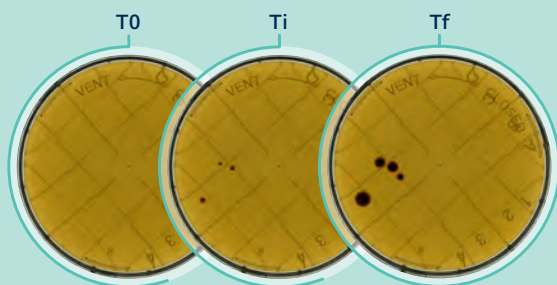
### User friendly interface

Turn, pinch, flip, reverse, light up images better than with a smartphone

## Image Analysis Features

### Dynamic Growth Monitoring

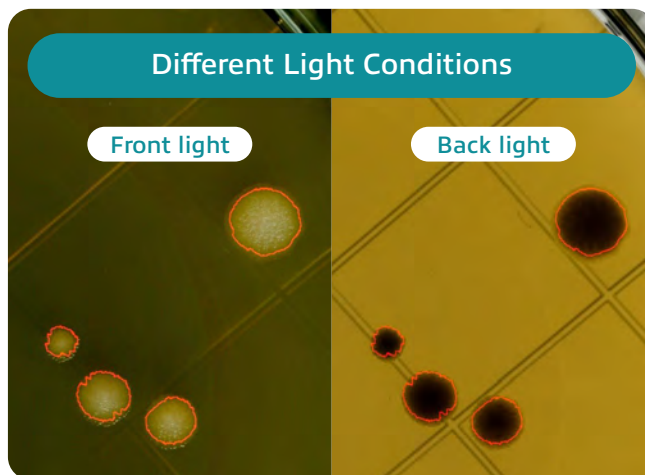
Allows a reduction in the time to result and anticipates plate release



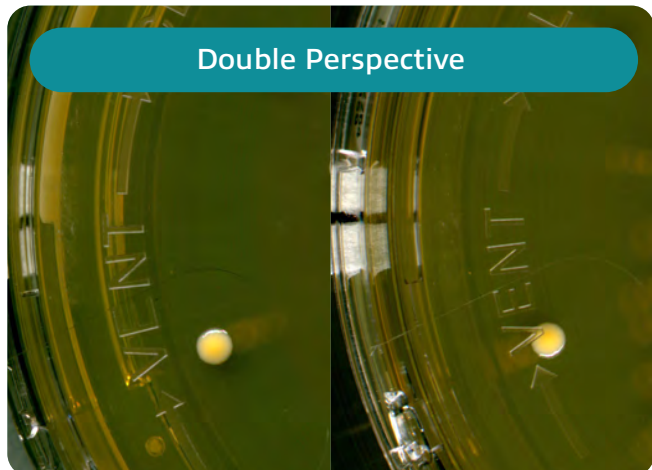
### Different Light Conditions

Front light

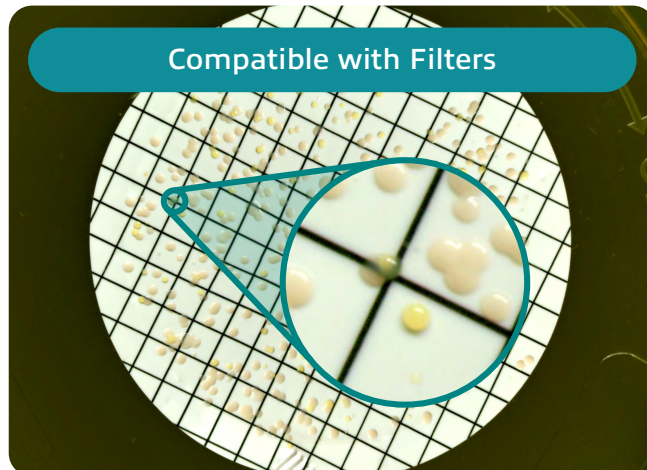
Back light



### Double Perspective



### Compatible with Filters





## Advantages

# Designed for pharmaceutical quality control



### Automate your workflow

By delegating your routine to PharmaLab™, you will be able to lower any risk connected with human error and reduce your staff workload, enhancing the quality of your data in a lab running 24/7



### Data integrity

Compliant with 21 CFR pt. 11, PharmaLab™ keeps track of every action taken with no chance to manipulate or interfere. In addition, its software is flexible for adaption and connection to any LIMS provider, ensuring complete data traceability, integration with the laboratory network, and worry-free inspections and audits



### Operational savings

The image analysis system can detect colonies after just 22 hours, significantly reducing the time to reaction. Along with this, PharmaLab™ eliminates the need to double check plates



### Digital efficiency

Enjoy the automatic colony count and detection. Turn, pinch, flip, reverse, and light up pictures. Scroll backward and forward through growth phases. PharmaLabs™ accurate software brings your lab unparalleled efficiency and sensitivity



### Open and modular platform

PharmaLab™ is fully compatible with any brand and type of plate. Based on your requirements, Copan specialists can quickly calculate the number of incubators to cover the daily laboratory workload





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Don Whitley Scientific

Victoria Works, Victoria Street, Bingley, BD16 2NH, West Yorkshire  
www.dwscientific.com  
sales@dwscientific.co.uk  
+44 (0) 1274 595728



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@copangroup

Copan Newlab s.r.l.  
Via A. Grandi 32,  
25125 Brescia, Italy

t | f +030 2687218  
@ | newlab@copangroup.com  
www.copangroup.com