

## PharmaLab™

# We do the count, you do what counts

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



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innovating together

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# 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*

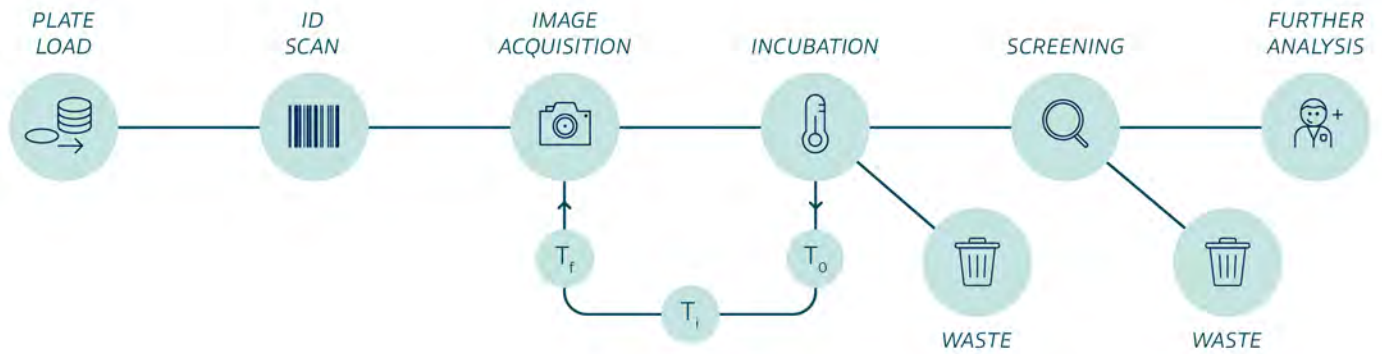
## PharmaLab<sup>™</sup> ensures the complete monitoring of your quality control processes

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

## 3. IMAGE ACQUISITION

The camera acquires plate images to enable differential analysis

## 1. LOADING CAROUSEL

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

## 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 installation base of over 1000 automations in clinical, food and forensics, we are now breaking ground in pharma. Image analysis is spearheading our technology, boasting 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



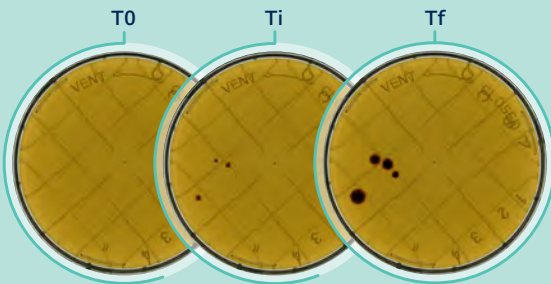
#### User friendly interface

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

## Image Analysis Features

### Dynamic Growth Monitoring

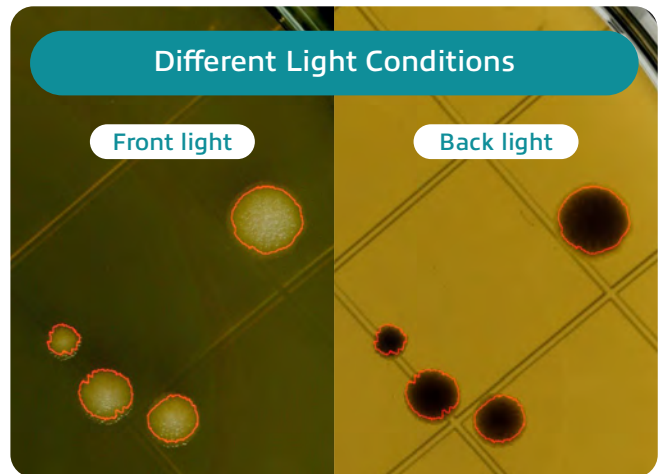
Allows a reduction in the time to result and anticipate plate release



### Different Light Conditions

Front light

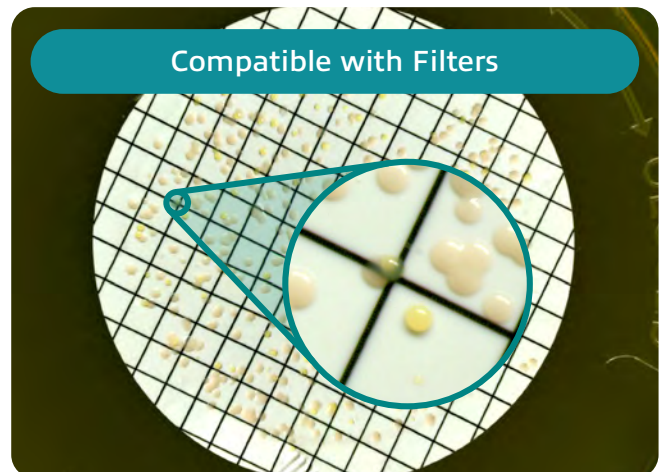
Back light



### 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 of manipulation or interference. In addition, its software is flexible for adaptation 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 for a double check of 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. PharmaLab™ 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





This marketing material has been translated and issued by:

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