

ALCI SAS is the leader on **visionics embedded with robotics systems**.

Our mission is to bring to our customers vision solutions based on high advanced technologies for the needs of **treatment and transformations of complex products**. **ALCI SAS** brings **measurements and quality control** on complex requirements.

Features

Supervision/computing

Hardened panel PC
15' Touch screen

Vision System:

12 wavelengths multispectral analyzer.
10M pixel camera

Expert System (ALCI Software)

Customizable software, adapted to customer's needs, species and pathologies.

Loading/unloading

Manual or automatic loading / unloading with stacker option.

Traceability

Standard traceability by QR code.
Results by box, families and individuals.
Customizable results file (Excel and Xml files).

Facilities

Basic dimensions : 400x600x400mm W x H x D

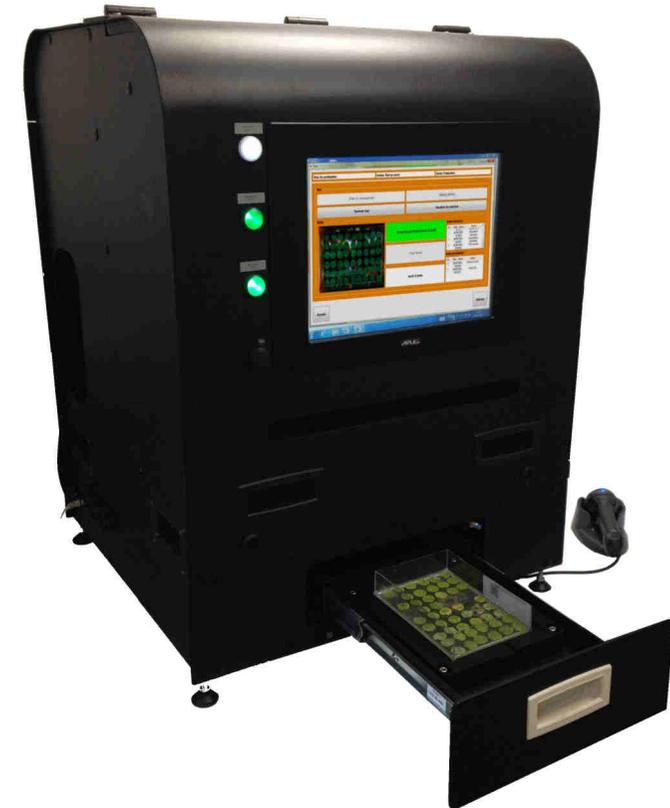
Weight: 60kg

Electric specifications: 230 VAC power: 300W

CE Marking



APAS Automatic Pathologies Analysis System



Advanced Vision Technologies

PHYTOPATHOMETRY



Web Site: www.alci-systems.com

Discover **APAS** on the WEB

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APAS

Automatic Pathologies Analysis System

APAS is a Phytopathometry System providing a rapid measurement of the diseases using multispectral analysis.

APAS algorithms are based on and validated with pathologist expertise.

APAS provides reliable, reproducible and cost effective controls based on:

- Quantification of sporulation, necrosis and others on plantlets or patches,
- Determination of the percentage of disease by surface,
- Resistance quantification.

FEATURES AND ADVANTAGES

APAS uses the following technologies:

- A multispectral vision system dedicated to the identification of the necrosis, sporulation and others.
- An Expert System (software oriented with Artificial Intelligence) customizing the analysis protocols performed currently by the experts (pathologist)
- A touch screen as the human-machine interface to monitor and to operate it

Functional Advantages:

- APAS standardizes your analysis process.
- APAS produces reliable and reproducible datas.
- APAS classifies in different categories and provides a rating for the crop resistance, according to your requests.
- APAS records and classifies all the datas at plantlets /patches and line too,
- APAS provides a customizable output file or can be connected directly to your database (**using SQL**).
- APAS assures the traceability by tracking each box with plantlets or patches
- APAS has a *'Remote maintenance and diagnostic'* module allowing automatic upgrade in case of new developments.

Safe and simple utilization:

- CE certified.
- APAS is easy to use by a touch screen panel with a user-friendly human-machine interface.
- APAS has different access levels for operator, manager, maintenance, quality control.

Economic advantages

- APAS allows you to increase greatly your analysis (25s per box with 60 plantlets or patches).
- APAS allows you to speed up by 3 times your process analysis.
- APAS boosts your ROI with powerful simplicity.

Automatic Pathologies Analyzer
Tabletop machine, with stacker IN/OUT



Example of product analyzed

