

# Ampha P20

*Amphasys*



## YOUR PORTABLE LAB FOR POLLEN QUALITY INSTANT POLLEN INSIGHTS – ANYWHERE YOU NEED THEM.

The **Ampha P20** is the world's first fully **portable pollen analyzer**, bringing laboratory-grade pollen viability and quantity measurements directly to the field, greenhouse, or production site. With simplified operation and fully automated data analysis, it enables fast and reliable results — wherever and whenever pollen quality matters.



### Portable

Lightweight,  
battery-powered,  
and airplane-ready  
for maximum  
flexibility



### Easy to Use

Intuitive  
touchscreen and  
operation wizards  
– no expert training  
needed



### Automated Data Analysis

Crop-specific  
settings for instant,  
reproducible results



### Reliable Decisions

Immediate, data-  
driven insights  
for process  
optimization

## WHY IT MATTERS?

Pollen viability and quantity are **critical success factors** in plant reproduction with significant impact on breeding and seed production. The Ampha P20 provides fast and reliable results, even for species with an extremely short pollen lifetime such as wheat, rice, and corn – helping you make the right decisions and improve your results.

# APPLICATIONS

The Ampha P20 is the ideal instrument for routine pollen viability and quantity measurements, allowing systematic screening wherever they are needed.



## Plant Breeding

Pollen phenotyping of lines directly in the field

Pollen viability and quantity data for better line selection

No data-analysis experience required



## Production Research

Optimization of flowering synchronization

Improving female-to-male ratio

Determination of best location for crop placement



## Seed Production

Routine quality control of pollen batches

Location-independent, standardized results

Easy-to-use for daily operations



Tomato



Pepper



Brassicaceae



Cucurbitaceae



Onion



Carrot



Beet



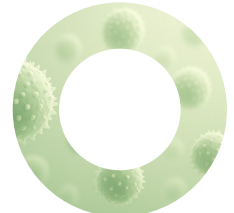
Corn



Wheat



Sunflower



More applications to come...

## YOUR BENEFITS AT A GLANCE

**Fast:** Results within minutes

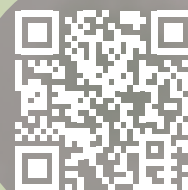
**Accurate:** Robust, standardized viability and quantity data


**Independent:** Work anywhere without lab infrastructure


**Efficient:** Simplifies workflows and saves valuable time

## Get in Touch!

Discover how the Ampha P20 can simplify your pollen analysis.



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