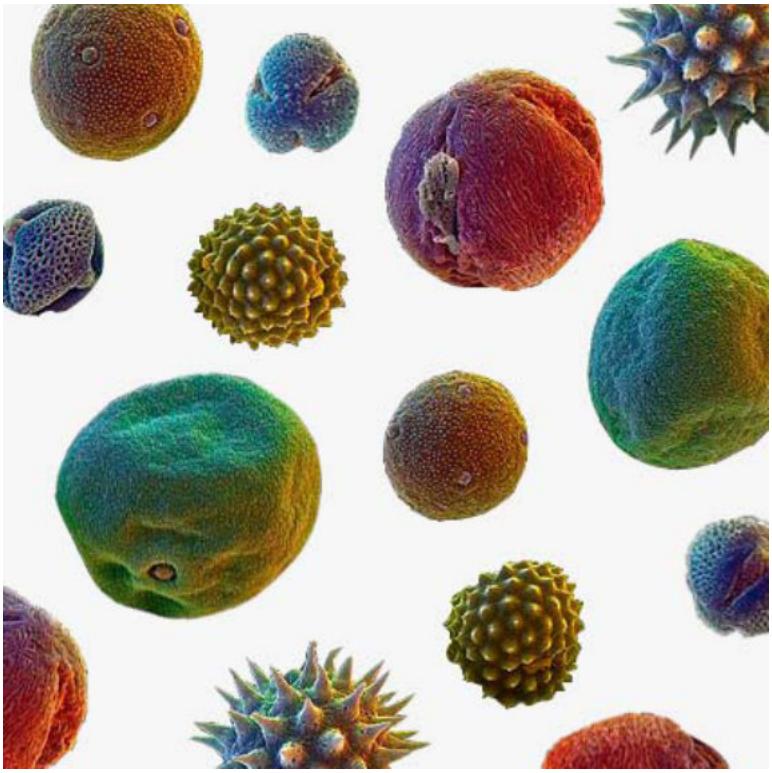
Plair
Identify Invisible Threats


# E-Catch
# Airborne Particle Sampling Unit
Accessory to Rapid-E+



# Online automatic sampling

E-Catch, or Airborne Particles Sampling Unit, is specifically designed to be combined with Rapid-E+ or as a stand-alone to provide a more traditional lab-based analysis of airborne particles. It contains 10 reusable sampling plates that can be independently introduced into the internal airflow of Rapid-E+ to collect bioaerosols at any time, for any duration. The sampling plate slides can be further analyzed and replaced at a later stage.

## Features

- Automatic air sampling of airborne particles
- Automatic exchange of sampling plates via online dashboard (PlairGrid)
- Contains 10 reusable sampling plates (Mechanical holders and glass slides)
- Complete customization of the sampling rate
- Specially adapted for Plair's Rapid-E+ or as a stand-alone

## Parameters

- Dimensions (L x W x H): 46 cm x 37 cm x 18 cm
- Weight: 8 kg
- Connectivity: Wi-Fi, Ethernet
- Power consumption: maximum 25 Watt
- Air flow rate: 5 liters per minute (LPM)
- For stand-alone operation: built-in pump with an air flow rate of 5 LPM

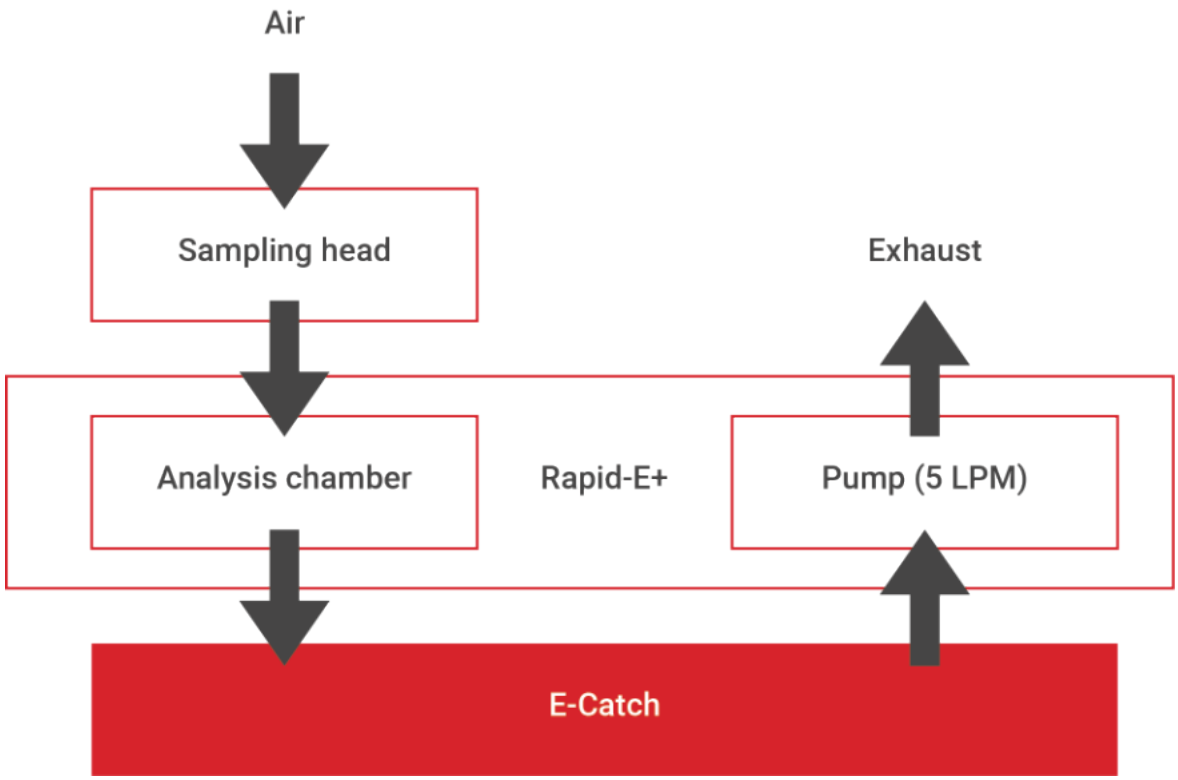


**Combined with Rapid-E+**


**Stand-alone version**

# Sampling air flow path

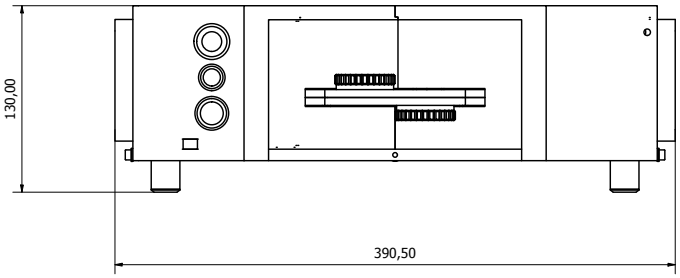
CONNECTION OF E-CATCH TO RAPID-E+



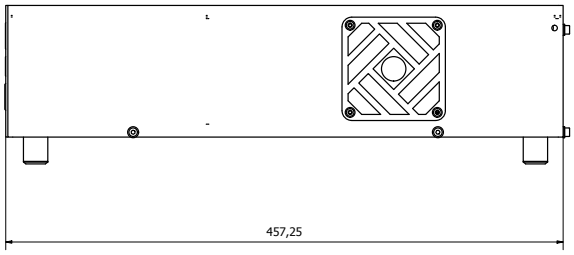
# Dimensions

Dimensions (L x W x H):
45 cm x 39 cm x 13 cm

Front view




Side view



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## Official Distributor

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About Plair SA

Plair SA is an innovative Swiss company specialized in the development and manufacturing of equipments for the early detection and identification of airborne particles in real time. Plair offers solutions to bioaerosol and biocontamination monitoring, based on its patented state-of-the-art laser technology, which was originally developed at the University of Geneva, Switzerland.

Initially focused on outdoor environmental monitoring, Plair systems quickly became a reference in the field of real-time pollen and bioaerosol detection, with installations in more than 15 countries. Plair SA received multiple awards locally and internationally for its innovative technology.