

## Cyclex™



Cyclex™ is a spore trap with a circular impaction trace of 18.8mm<sup>2</sup>. It is used for the collection of airborne bio-aerosols including fungi, pollen, and particulates. Spore traps are appropriate for air sampling at the beginning of an investigation to set a baseline and as a final check for clearance sampling. They can also be used for monitoring during the remediation process. A suitable pump, capable of drawing 20 liters of air per minute, is attached to the cassette that contains a slide where the impaction trace is formed. The cassette is sent to the lab where it is disassembled and the slide is stained and examined.

Sampling times depend upon the environment being sampled. The table below has suggested times for various environmental conditions.

Suggested Sampling Times		
Environment	Flow Rate	Duration
Outside	20 lpm	5 minutes summer, all other times 10 minutes
Clean Room	20 lpm	10 minutes
Indoor – occupied	20 lpm	5 minutes
Basement or dusty room	20 lpm	3-5 minutes

## Procedure

- Remove pin in bottom of cassette and attach to air hose from the pump.
- Remove the cap from the top of the cassette.
- Turn on pump and allow air to flow at 20 L/minute.
- Turn off pump, record time, mark cassette with appropriate sample information and record on the Chain of Custody.
- Replace the top on the cassette.
- Store cassette in a dry area, away from the sun until delivered to the laboratory.



Fungal spores under the microscope