

# Air-O-Cell®



## The Professional's Choice for IAQ Air Sampling

Air-O-Cell® is a simple to use tool for the rapid collection of a wide range of airborne particulates. Air-O-Cell is specifically designed to capture:

- Bioaerosols: mold spores, pollen, insect parts, skin cell fragments
- Fibers: asbestos, fiberglass, cellulose, clothing fibers, synthetics
- Inorganic Particulate: ceramic, fly ash, copy toner, oil droplets, paint
- Other Opaque Particulates: products of combustion, rust, salts

Air-O-Cell collects viable and non-viable sample specimens, providing a much broader overview of potential allergens and contaminants than conventional sampling techniques. Laboratory analysis of the sample provides feedback about the type and concentration of particulate in the air. Air-O-Cell can be used during routine inspections and investigations to determine if there are abnormally high concentrations of any specific particulates.

Air-O-Cell can be used with any standard off-the-shelf area sampling pump capable of drawing 15 LPM open flow. The compact size makes Air-O-Cell suitable for use in confined or restrictive spaces.

## What Makes Air-O-Cell® the Best?

### Superior Design

Air-O-Cell is based on 30+ years of scientifically proven slit impaction technology converted into an easy to use disposable cassette.

### Complete Aero-Allergen Sampling

Air-O-Cell reliably collects not only mold and pollen but many other particulates that effect human health.

### Consistency

For over 10 years the patented design of Air-O-Cell has allowed laboratories and researchers the ability to amass a wealth of consistent collection data - all based on a unique single collector design.

### Best value in the industry

Competitively priced, the "The Air-O-Cell Advantage" provides proven acceptance in the scientific and legal community.

### The Professional's Choice

With 9 out of 10 professionals choosing Air-O-Cell over the competition it is very clear that the superior design and quality of Air-O-Cell is unmatched in the industry.

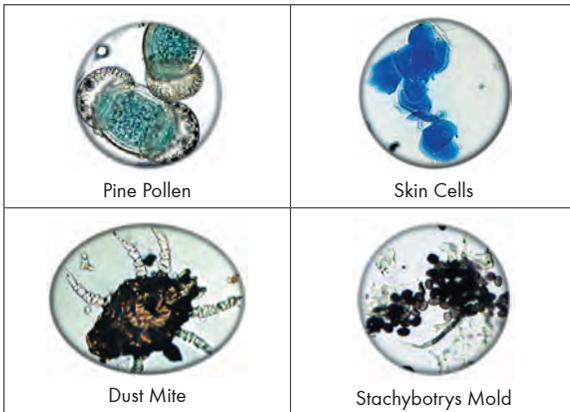
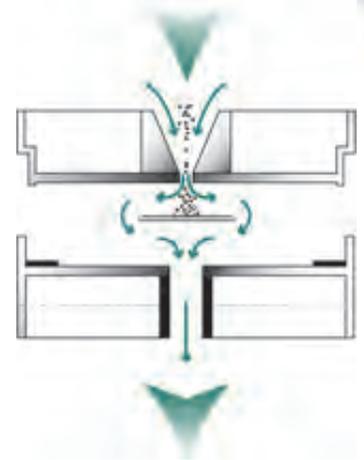


# Quality, Reliability, Consistency

## Slit Impaction Technology

For collecting particles, Air-O-Cell uses slit impaction as its method of collection. Airborne particles pulled through the cassette are accelerated as they approach and drawn through a small slit aimed directly at a glass slide holding the sampling media. Air velocity forces the particles to impact into the sticky and optically clear sampling media which can permanently collect and hold particles.

After sampling, the entire cassette is transported to a laboratory where the glass slide is removed and analyzed.



## Sample Analysis & Results

Air-O-Cell is analyzed by a laboratory using direct microscopy techniques. The results from this analysis will provide detailed information about what types of particles along with their concentration were in the air at the time the sample was collected.

With its superior collection design and analysis techniques, Zefon Air-O-Cell is the leading choice of professionals in the field and in the laboratory for the collection of particulates and the evaluation of indoor air quality.

## Ordering Information



Convenient Air-O-Cell sampling starter kits include a sampling pump, sampling stand, tubing, carrying case and a supply of various sampling media.

PRODUCT	DESCRIPTION
AOC050	<i>Air-O-Cell</i> ® Air Sampling Cassettes, 50/bx
AOC010	<i>Air-O-Cell</i> ® Air Sampling Cassettes, 10/bx
AOC-WS10	<i>Air-O-Cell</i> ® Inner wall sampling adapters, 10/pk
Z-LITE-BMKIT	<i>Air-O-Cell</i> ® Sampling Starter Kit - Basic Includes 10 Air-O-Cell cassettes
Z-LITE-DMKIT	<i>Air-O-Cell</i> ® Sampling Starter Kit - Deluxe Includes 20 Air-O-Cell cassettes, 25 Bio-Tape slides and 10 mold swabs
Z-LITE-UMKIT	<i>Air-O-Cell</i> ® Sampling Starter Kit - Ultimate Includes 50 Air-O-Cell cassettes, 50 Bio-Tape slides, 50 mold swabs & 10 wall adapters

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