

Air-O-Cell® Bioaerosol Cassette



The Air-O-Cell® is a unique sampling cassette designed for the rapid collection of a wide range of both viable and non-viable aero-allergens including mold spores, pollen, insect parts, skin cells, fibers and inorganic particulate.

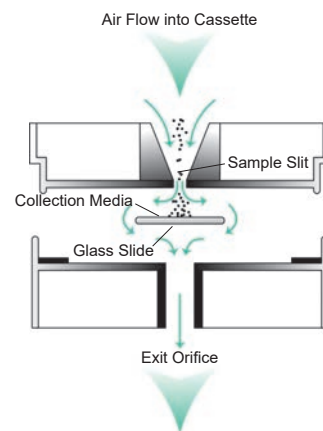
Features:

- Industry proven & accepted
- Independently validated
- Laboratory preferred, easy to analyze
- Proven results
- No sample loss during shipping & handling
- Pre-loaded, no slides to prepare

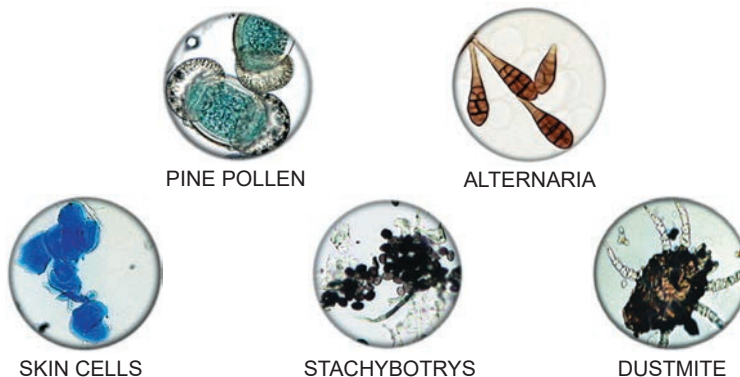
The Air-O-Cell operates upon the principle of inertial impaction. Particulate laden air is accelerated as it is drawn through the cassette's tapered inlet slit and directed towards a small slide containing the collection media, where the particles become impacted, and the air flow continues out the exit orifice. The adhesive nature of the collection media prevents the collected particulate from blurring or washing off during the staining process, and eliminates sample loss from vibration during handling and shipment.

After sampling is completed, the cassettes are sent to a laboratory, where the slides are removed and direct microscopic analysis can be immediately performed. The collection media is compatible with a wide range of biological stains and refractive index oils, allowing direct qualitative and quantitative analysis of organic and inorganic particulate.

Air-O-Cell can be used with any standard off-the-shelf sampling pump capable of drawing 15 LPM open flow, including the Zefon® Bio-Pump® Plus, a convenient battery powered hand-held pump for ease of sampling.



Examples of Particulate Collected with Air-O-Cell®



PRODUCT	DESCRIPTION
AOC050	Air-O-Cell® Air Sampling Cassettes, 50/bx
AOC010	Air-O-Cell® Air Sampling Cassettes, 10/bx
AOCCAL	Air-O-Cell® In-Line Calibration Adapter, each

The Professionals Choice for Air Sampling Equipment