

# MOULD SAMPLING SOLUTIONS



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Kenelec Scientific offer sampling cassettes, kits and accessories that can be used to determine both the concentration and (with further laboratory testing) the species of mould in the air and on surfaces.

Mould is present in one of Australia's most common indoor air quality concerns. While not all mould species are harmful, exposure to certain types of mould spores can lead to adverse physical symptoms ranging from mild, such as runny nose, throat irritation and excessive sneezing, to more serious conditions including onset or exacerbation of asthma and other chronic respiratory issues.

Therefore, sampling of both the volume and type of mould present is important to determine the severity of a mould problem. As mould spores are microscopic, other sampling methods are required to identify a potential problem and, after remediation, that the problem has been successfully eradicated.

## SURFACE SAMPLING

### ZEFON STERILE SURFACE SWABS

An easy way to sample suspect areas for mould contamination. Simply swab the suspect area and submit to a laboratory where the sample will be cultured and the type of mould identified. Each swab comes in an easy to use container for sampling, transport and storage. 50 swabs in a pack.



### ZEFON BIO-TAPE SURFACE SAMPLER

Provides a standardized sampling method for the determination of mould, microbial, bioaerosol, and inorganic dust contamination, with the ability to quickly take a sample and measure the relative degree of contamination. Bio-Tape is compatible with both optical microscopy and scanning electron microscopy (SEM) so you can perform optical and SEM analysis along with an x-ray analysis on the exact same air surface sample and exact same particles. Individually serialized for traceability, the slide container provides sample protection.



## AIR SAMPLING CASSETTES



### ZEFON AIR-O-CELL® BIOAEROSOL SAMPLING CASSETTE

The Air-O-Cell® is a unique air sampling cassette specifically designed for the rapid collection of a wide range of airborne aerosols including mould spores. The adhesive nature of the collection media prevents the collected particulate from blurring or being washed off during the laboratory staining process, and eliminates sample loss from vibration during handling and shipment.

### ZEFON VIA-CELL® BIOAEROSOL SAMPLING CASSETTE

The first disposable cassette impactor that brings simplicity and reliability to viable sampling combined with multiple analysis options. The Zefon Via-Cell® Bioaerosol Sampling Cassette is designed to collect both viable and non-viable bioaerosols, maintain viability of the viable mould spores and prevent growth during transport to the laboratory. Sampling with the Via-Cell® is very similar to its sister product, the Air-O-Cell®. Simply connect it to any pump calibrated to 15LPM and run your sample.



### ZEFON MOLDSNAP™ SAMPLER

A cost effective first-line mould screening tool that efficiently and reliably collects mould and allows for simple lab analysis. Easily used by home inspectors to get preliminary information on whether a mould problem may exist and further investigation is warranted, the MoldSNAP™ uses slit impaction as the collection mechanism, an industry recognized method that allows superior mould spore collection.

## AIR SAMPLING ACCESSORIES

### INNER WALL SAMPLING ATTACHMENTS

Used with Air-O-Cell® or Via-Cell® cassettes to access microbial contamination in a wall cavity, with minimal destruction.



## CARPET SAMPLING

### ZEFON MICRO-VAC CARPET/DUST SAMPLING CASSETTES

Designed for the collection of fibres and particulate from carpets and other dusty areas, these cassettes feature an inlet port angled at 45 degrees and come preloaded with filters.



### ZEFON CARPET AND DUST VACUUM COLLECTION NOZZLE

A nozzle designed to fit on the hose of a standard household vacuum cleaner that allows the collection of dust and debris into a filter. When finished sampling, remove the nozzle, re-plug and send the entire piece to a laboratory for further analysis.

### ZEFON MICRO-VAC CARPET/DUST SAMPLING KITS

Designed for sample collection of from carpets and fabrics, each kit includes ten of each of the following: 25mm or 37mm sampling cassettes, templates, sample ID labels, and zip style bags.

## AIR SAMPLING PUMPS



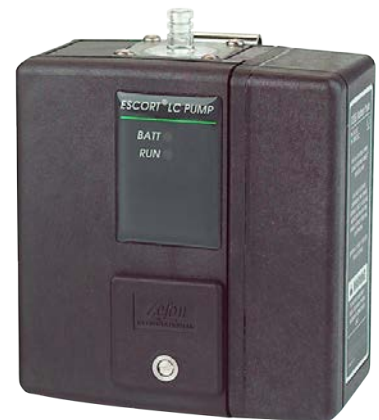
### ZEFON BIO-PUMP PLUS

The Zefon Bio-Pump® Plus is the smallest and lightest portable battery powered IAQ sampling pump available. It provides the simplest and most convenient way to sample with Air-O-Cell® and Via-Cell® cassettes at a flow rate of 15LPM.



### ZEFON ESCORT LC PERSONAL AIR SAMPLING PUMP

The Zefon Escort LC Personal Air Sampling Pump can be used with a variety of personal and area sampling devices to collect such airborne contaminants as asbestos fibres, toxic gases, vapours, particulates, fumes and mists. It can also be used to sample silica dust, coal dust and organic vapours.



### ZEFON ESCORT ELF PERSONAL AIR SAMPLING PUMP

The Zefon Escort ELF Personal Air Sampling Pump features a state of the art electronic laminar flow sensor to provide a constant flow control with  $\pm 2.5\%$  regulation of flow rate (from 1-3 lpm) with automatic compensation for changes in battery voltage, temperature, altitude and sample load. An internal secondary standard calibrates the pump continuously and needs to be checked against a primary standard only once per month (or every 200 hours for coal mine dust sampling).

# KENELEC SCIENTIFIC

## Our company:

Established in 1962, Kenelec Scientific is one of Australia's leading scientific and environmental technology companies. Based in Melbourne, with distributors located throughout Australia and New Zealand, we are industry leaders in the supply of globally sourced, latest generation technologies at competitive prices.

## Our services:

### Sales

Buy the latest equipment from some of the most trusted brands in the industry.

### Rental

Rent or rent-to-buy the latest instruments for the duration that you need them.

### Calibration

Professional calibration of your instruments in our accredited laboratories.

### Validation

Wide range of validation services to ensure compliance with regulations.

### Service & Repairs

Local after-sales service and support from our experienced technicians.

### Education

Product education and support available in-house, onsite or online

### Financing

Secure your equipment without relying on up-front capital funding.

## More solutions

As well as mould sampling solutions, we provide a range of equipment for OH&S applications including asbestos and indoor air quality monitoring:

Asbestos  
sampling  
cassettes



Acetone  
vaporisers



Asbestos  
sampling kit



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We look forward to  
working with you.

