

What is an air quality testing kit?

This is an affordable, easy to use air-monitoring kit that allows you to personally monitor your office and/or home's air rather than depending on a professional to do it for you at ten times the cost.

Who Can Use it?

This kit can be used by any consumer; homeowners, renters, human resource departments, physicians, builders, home inspectors, etc.

What will it tell me?

This kit is the only product on the market that will accurately allow virtually anybody to measure the level of total dust, mold spores, dander, carcinogenic fibers (i.e. asbestos), pollen, bacteria, and allergens in the air you are breathing.

How do I Use this Information?

Knowing what is in the air you are breathing allows you and/or your environmental professional to effectively reduce those specific pollutants. Also, by sharing your results with your Physician, he or she may be better able to identify whether your air is contributing to your allergies, asthma, and other medical problems.

How does this kit work?

This kit deposits airborne-contaminants on its specially designed mixed cellulose filter. The filter is then dissolved at our laboratory and the contaminants analyzed by highly trained personnel under a microscope at up to 1000X power.

How accurate/precise is it?

Using it yourself has been shown to be 80-90% as accurate as having a professional performing the work for you.

What do my results mean?

Results will indicate the level of airborne contaminants specific to your environment. Once you know what's in your air, you can then focus on reducing those specific contaminants. This kit allows you to decide what's acceptable to you and your family. Just because your air is "average" does not mean that you cannot improve your air quality.

How do I improve my Air Quality?

Basic steps to improve air quality may include: increased ventilation, reduction of humidity levels, continuous cleaning of home, and frequent vacuuming with HEPA filter. For specific solutions such as inspections, source identification, and source removal, Techtron Engineering maintains a network of environmental professionals.

How long are the results valid? / How often should I sample?

Results are valid as long as the environment does not change. Our outdoor air changes continually, which could change your indoor air quality. You may wish to retest during a change of season or changes in your home such as remodeling, furnace work, flooding, roof leak, etc.

Which method (furnace/vacuum/fan) is best?

The forced air furnace method gives you a representative reading of the total air quality in your home and office. The vacuum method allows you to check the air in a specific area. We recommend using the box fan only as a last resort as this is the least precise method.

Is this kit as good as having an inspection?

The first step is to identify potential airborne contaminants that you may have in your environment. This kit is a more cost-effective method for the consumer to use to identify potential problems before hiring a consultant to perform an expensive inspection. If the results are concerning, you then may decide to consult with an environmental consultant for a more thorough investigation.

What is "normal" air?

What is normal for one person isn't for another. This kit allows you to determine what is in your air and what you want the level to be at. Individuals with the help of their Physician can evaluate what affects them the most. Keep in mind that there are no government-regulated levels established (with the exception of carcinogenic fibers) for many particulates in the air.

What if I damaged my filter or received a damaged filter?

If your filter is cracked, torn, or wet, return it in the pre-paid envelope and we will send you a new filter.

Please refer to the US Environmental Protection Agency website for further information regarding indoor air quality:

<http://www.epa.gov/iaq/is-ident.html>

<http://www.epa.gov/iedweb00/pubs/insidest.html>