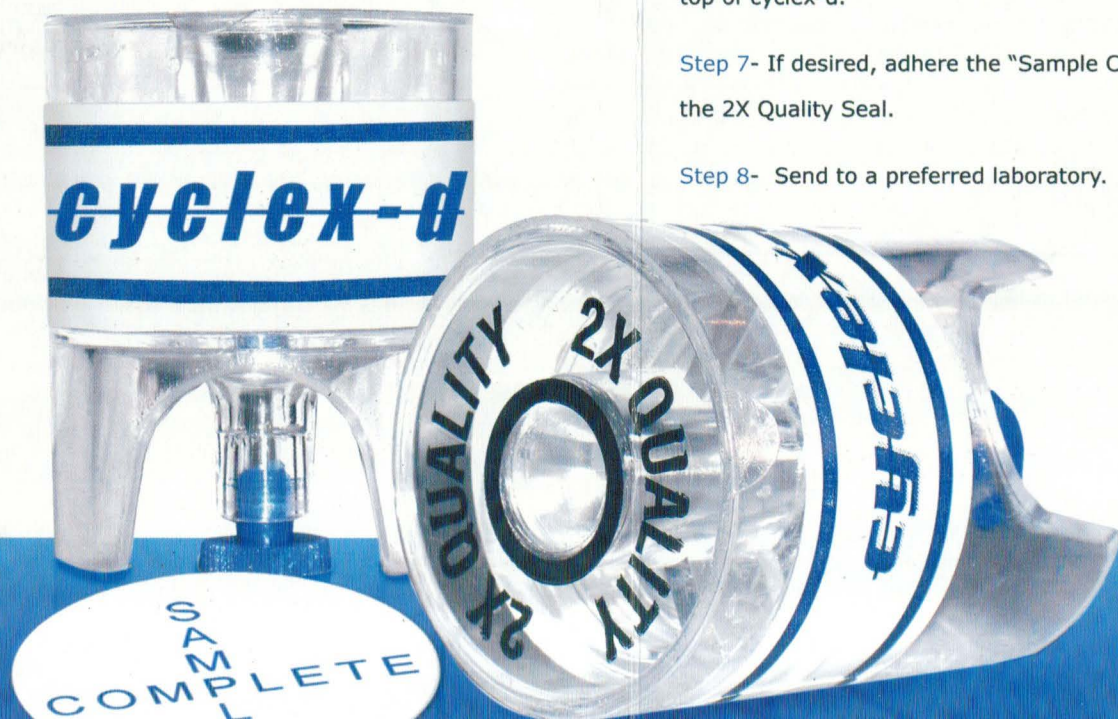


Patent Pending

Environmental Monitoring Systems, Inc. is proud to introduce the latest innovative technology in disposable Bioaerosol Impact Samplers. Utilizing a 360-degree impaction chamber, the cyclax-d was pioneered to evenly and quantitatively collect aeroallergens such as pollens, mold and fungal spores, fibers, dander, insect components and other airborne contaminants. The cyclax-d is designed to operate at a flow rate of 20 liters per minute. In studies, the capture and actual collection efficiency exceeded 50% at $d_{50}=1\mu$ compared to the industry norm of 2.5 microns!

Disposable, convenient and easy to use, we are honored to bring this patent pending technology to your industry.



Sampling Procedures

Step 1- Remove Blue Pin from the bottom of the cyclax-d.

Step 2- Simply connect one end of tubing (5 feet or less) to the bottom of the cyclax-d. (No adaptors are necessary)

Step 3- Connect the other end of the tubing to a pump precalibrated to a flow rate of 20 LPM.

Step 4- Peel back the "2X Quality Seal" and attach temporarily on the side of the cassette during sampling.

Step 5- Turn pump on and pull a sample for 10 minutes depending on environment. (See Sampling Intervals)

Step 6- When sampling is completed, replace the blue pin in the bottom and re-attach the 2X Quality Seal to the top of cyclax-d.

Step 7- If desired, adhere the "Sample Complete Dot" to the 2X Quality Seal.

Step 8- Send to a preferred laboratory.

Sampling Intervals

Environmental Conditions/Flow Rate 20LPM

Clean (Outdoor/Indoor) 10 Minutes

High Activity (Indoor) 5-8 Minutes

Inner Wall Samples 2-5 Minutes

Temperature Exposure

Do not expose the cyclax-d to temperatures above 120F.

Preferred Laboratories

Please call 800.293.3003 if you have questions regarding laboratories or analysis.

Formula for Analysis

A complete protocol for reading the cyclax-d is available.

Please call for a complete lab packet.

