

Media Sampling Testing

PureAir's in-house lab is pleased to offer FREE media testing of both PureAir and other manufacturers media. To take advantage of this testing, please collect media samples by following the directions below. Although the media is nontoxic, it is advised to wear a dust mask, gloves, and safety goggles while following these instructions to prevent media dust from causing irritation.



FOR DEEP BED SYSTEMS:

1. Each media sample port is equipped with a CPVC ball valve. Open the ball valve.
2. Use the media sampling tool* to extract a sample of media (**two cups of media is required for all media**). Place media sample in a plastic bag (sandwich size zip top bag is optimal).
3. Repeat steps one and two for each of the media sample ports (Typically, there are top, middle, and bottom ports).
4. Ship all media samples to PureAir for remaining life analysis. (See address at bottom of the page).



*Media Sampling Tool (if you do not have this tool, any method can be used to gather media)

FOR MODULE SYSTEMS:

1. Choose a module from the center of the system. Open the module (follow instructions for PP12 vs PP18), and transfer media from the module into a pan or bucket. Gently shake/mix the pan or bucket to mix the media.
2. Extract a sample of the media (**two cups are required for all media**). Place media sample in a plastic bag (sandwich size zip top bag is optimal).
3. Fill each module back up with the media that was poured into the bucket/pan. Place it back into the system.
4. Ship all media samples to PureAir for remaining life analysis.



Below is the information that is required to test media. Write this information on each sample bag.

NOTE: If you do not have all this information, please fill out as much as possible.

Company: _____ Site/Facility Name: _____
 Facility City, State: _____ Contact Name: _____
 Contact Phone # and Email Address: _____
 System ID (if applicable-serial # on PureAir equipment name plate): _____
 Media Type: _____ Port Sampled: ____ First ____ Middle ____ Last
 Date Installed: _____ Date Sampled: _____
 Date Sent to PureAir Lab: _____
 PureAir Sales Representative (If Applicable): _____

PLEASE SHIP ALL SAMPLES TO:

**PureAir Filtration. Attn: Lab
 6700 Dawson Blvd. Bldg #3, Norcross, GA 30093**

Chemisorbant Media Testing

There are three ways to test the chemisorbant media in a PureAir system to determine when it is time to replace it. These processes include a Media Bed Indicator, free lab testing, and a LIFEGARD™ media bed monitor.

Media Bed Indicator

Most deep bed systems come equipped with a silver Media Bed Indicator. The device is positioned inside the system at an angle in the direction of the airflow to detect the media expiration level. For all deep bed systems.

- Dark coloration on the device shows where media has been consumed. Once 75% of the device is discolored, contact PureAir to replace the media and maintain optimal system performance.
- For real-time updates on media life, consider adding the LIFEGARD® media bed monitor as a system upgrade.



Tired of Collecting and Waiting on Media Samples?

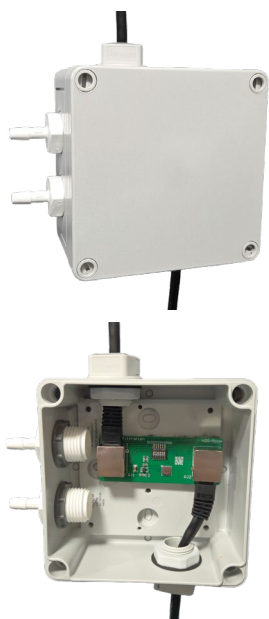
The LIFEGARD™ media bed monitor offers continuous, real-time monitoring with an advanced electronic notification system that simplifies maintenance scheduling and enhances operational efficiency.

Equipped with externally wired and mounted sensors, the media bed monitor detects variations in chemisorbant media life with precision. The sensors relay data to the controller, which uses a proprietary algorithm to accurately forecast the media consumption date, streamlining maintenance scheduling and enhancing efficiency.

- Instantaneous readings eliminate media sampling and waiting on test results
- Provided in an IP 66 (NEMA 4X) enclosure
- Wired results transmission via 4-20 mA and Alarm relay contact. Wireless results via Cloud web portal
- Predictive alarm sends alerts for partial and complete consumption
- Provides odor control planning accuracy and system reliability
- Enables advanced media changeout scheduling
- Anticipates contaminant breakthrough and reduces extended downtime events



Scan to learn more



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