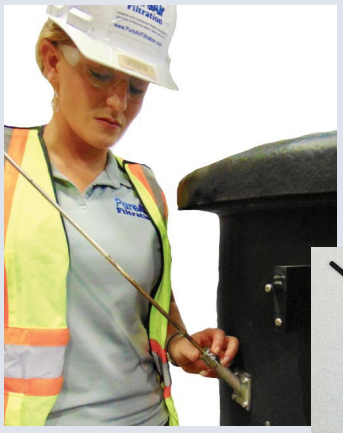
Chemisorbant Media Testing

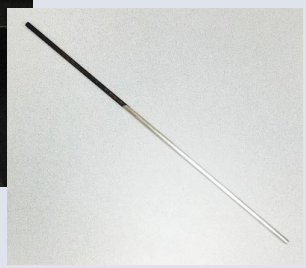
There are three ways to test the chemisorbant media in a PureAir system to determine when it is time to replace the media. These processes include a Media Bed Indicator, free lab testing, and a LIFEGARD™ media bed monitor.

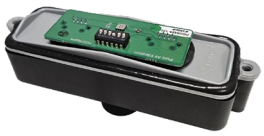
MEDIA BED INDICATOR

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 the LIFEGARD™ media bed monitor as a system upgrade.







LIFEGARD™

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. These 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 media consumption.
- Provides odor control planning accuracy and system reliability.
- Enables advanced media changeout scheduling.
- Anticipates contaminant breakthrough and reduces extended downtime events.

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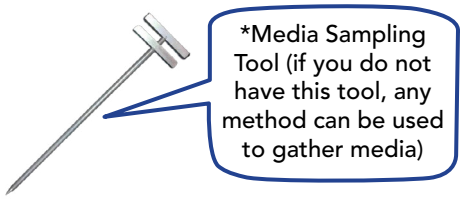
Media Sample Testing

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 the 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 the media samples to PureAir for remaining life analysis. (See address at bottom of the page).



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