

TRIO.BAS Mono Instructions

Ambient Air Monitoring



Power/Up	CFG/DW	Vol/ESC	Go!/OK
- Switching on/off	- Access Menu	- Set Volume	- Start Sampling
- Scrolling menu up	- Scroll menu down	- Exit	- Enter
- Number/Letter increase	- Number/Letter decrease	- Number/Letter addition	- Number/Letter calibration

TRACE Analytics_{LLC} the AirCheck Lab

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Aseptic Technique

Aseptic technique is required during sampling with the TRIO.BAS mono sampler.

Proper personal protective equipment (PPE) must be worn at all times during sampling.

Use the provided alcohol wipes to clean the equipment and to sanitize your gloves.

Lack of aseptic technique could result in voided samples or required retesting.

Personal Protective Equipment (PPE)		TRACE Analytics
Aseptic technique is required when sampling for microorganisms in compressed air.		
Alcohol	 ≥70% Isopropyl Alcohol wipes or spray	
Eyewear	Goggles or lab glasses required	
Mask	 Face mask to prevent transfer of bacteria	
Gloves	Wear clean gloves and do not touch face or hair	
Lab Coat	 Ensure lab coat is clean	

Media Handling

- Store the sealed media plates between 39 – 77° F until ready to use.
- Keep in mind that the plates arrive in unlocked position. Be careful when opening the package so the plates do not become contaminated.
- Plates must be numbered to match the data sheet and parafilm once sampling is complete.



- Freeze the ice packs upon receipt. They must be frozen for the return shipment.
- **Do not open** sterility blank. Bring sterility blank to each sampling location. The sterility blank must be shipped back to Trace Analytics with the other samples.

Sampling Instructions

1. Put on your personal protective equipment. This includes a clean lab coat, clean gloves, a face mask, and protective eyewear. Slick or pull your hair back.
2. Unscrew the silver aspirating head at the top of the TRIO.BAS. Wipe down the inside of the aspirating head with the provided alcohol wipes. Then open the sealed pack of contact plates. Carefully remove one plate. Do not touch the media as this will contaminate and void the sample.



3. Gently place the closed plate into the TRIO.BAS clips. Remove the media plate lid and set on a clean surface with the inside of the lid facing down so that no particles settle into the lid.
4. Place the aspirating head lid back onto the TRIO.BAS and screw the bayonet style lid back on.

5. Switch on TRIO.BAS. Hold down the left key  to turn on equipment. The opening screen will show the serial number (the serial number can also be found on the back of the TRIO.BAS). Write this down on your chain of custody.

6. The TRIO.BAS is pre-set to sample 1000 liters. Confirm that the main menu says "PRESET 1000 LIT". To begin sampling, press the  key two times (Go! and OK). This will begin the test.

7. There will be a 1 minute delay before the testing begins This delay allows you to leave the room so the air can settle before the test begins.

TRACE Analytics			Microbial AirCheck ✓ Chain of Custody
<small>15768 Hamilton Pool Road Austin, TX 78738 800-AIR-1024 ext 3 or 512-263-0000 ext 3 Email: ServiceTeam@AirCheckLab.com</small>			
1. Contact Information - review and correct if necessary			
Customer ID:	Customer Name:	Country:	
Contact:	Email:	Phone:	Fax:
<small>If an additional contact needs to receive a copy of this report, please have your Primary Contact call Trace Analytics at 800-247-1024 or email ServiceTeam@AirCheckLab.com</small>			
2. Instructions to Laboratory			
PROJECT or CLIENT NAME:		PO Number:	
Send a reminder to sample again: <input type="radio"/> Annual <input type="radio"/> Monthly <input type="radio"/> Quarterly <input type="radio"/> Semi-Annual <input type="radio"/> Other			
RUSH REQUESTED, \$150 extra, Intial Here: <input type="text"/>		<small>By intialing, I understand that I am authorizing RUSH Reporting following 10-day Analysis for an addtl \$150 per report. CALL CUSTOMER SERVICE TO SCHEDULE</small>	
3. Sampling Equipment		4. Sampling Media	
Sampler Type: <input type="checkbox"/> Pinocchio (KPSII) <input type="checkbox"/> TRIO.BAS Mono <input type="checkbox"/> Other:		Plate Lot No:	
Sampler Serial No:		Plate Expiration Date:	
Flowmeter Serial No:			

Sampling Instructions

8. Set the sampler down either vertically or horizontally in a central location and vacate the premises. Return after 6 minutes (1 min for the delay and 5 min for sampling).

9. When sampling is finished the screen will read COMPLETE.

Press the  key to exit.



10. Wipe down gloves with provided alcohol wipes.

11. Unscrew the top of the aspirating head. Replace media lid. Be careful not to touch media plate. Lock lid onto plate. Remove locked plate from aspirating head.

12. Ensure that dimples appear on the agar.

If there is no dimpling and the agar is still smooth, an error has occurred.

13. Parafilm the plate and place in sterile bag.

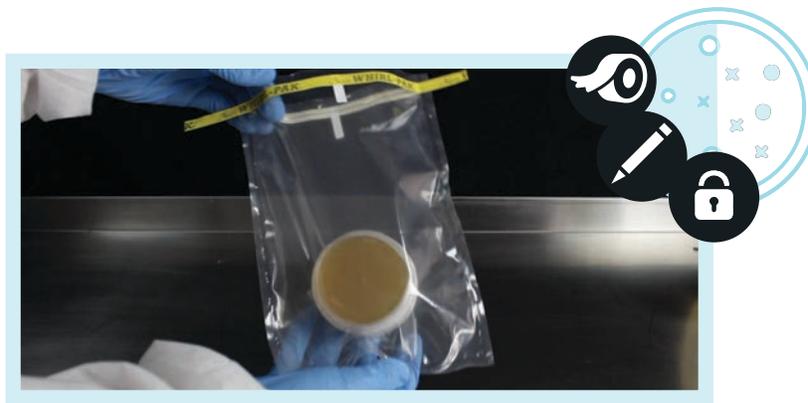
14. Record the time sampled on the chain of custody.



15. Wipe down the inside and outside of the aspirating head and media housing with provided alcohol wipes.

16. Replace the silver lid of the aspirating head to prevent contamination.

17. If sampling in more than one location, repeat these steps.



Charging Instructions

Use the following instructions to charge the TRIO.BAS sampler:

1. Place the air sampler on the black base.
2. The display will show charging in progress.
3. Once charging is complete, the LED light on the side of the base will turn green and the display will read: 100% charged.
4. The instrument automatically switches off after 5 minutes when not in use.



Shipping Instructions

1. Plates must be shipped NEXT DAY.
2. Wrap sampled contact plates in bubble wrap and set them snugly in the provided cooler. If plates are allowed to jostle during transit, the agar may separate from the plate.
3. Place in cooler with frozen ice packs.
4. The cooler fits snugly in the smaller box. Use the NEXT DAY shipping label to return the plates to Trace Analytics.
5. Include chain of custody in the box with the media samples.
6. Place the sampler and the charging base into the case as indicated in the photo.
7. Return the TRIO.BAS with the provided shipping label.

