



Micro Sampling Bullet Points

A How To Video is available at the AirCheck Academy:
http://www.airchecklab.com/Services/Microbial---ISO-8573_7

1. TSA Contact Locking Lid Plated Media should remain at room temperature until ready to use.
 - a. Freeze cooler packs upon receipt.
2. Tech should wear a gown, hairnet, mouth/facial hair mask, goggles/safety glasses and gloves.
3. Sanitize your prep area when assembling the sampler.
4. Sanitize sampler between each sampling point.
5. When attaching the sampler to the compressed air system note the following items:
 - a. Make sure the sampler is supported during sampling.
 - b. Use copper or stainless for any fittings needed to connect tubing to the compressed air system.
 - c. If Teflon tape is used - Do not leave any tape hanging over into the air stream.
 - d. Be sure to regulate the flow as necessary.
6. Do not use over 60 psi as it will damage the sampler
7. BEFORE BLIND SAMPLE
 - a. Review the micro video part 13:30 for proper plate insertion into cone.
 - b. http://www.airchecklab.com/Services/Microbial---ISO-8573_7
 - c. Insert plate into cone clips
 - d. Remove the TSA Contact Plate dish cover.
 - e. Do not touch inside of plate or cover.
 - f. Seal Cone for 30 seconds and rest in sampler cradle.
 - g. DO NOT PLUG CONE INTO SAMPLER
 - h. NO COMPRESSED AIR SHOULD TOUCH THE PLATE FOR BLIND SAMPLES
 - i. Remove plate from cone without touching the inside of the plate or cover.
 - j. Twist Top and Bottom of Plates together to lock. See page for General Instructions of Use for TSA Contact Plated Locking Lid Plated Media.
 - k. Label TSA Contact Plate clearly with ID number.
 - l. Log ID number and sample description onto Sample Submission/COC sheet
8. LIVE SAMPLE
 - a. Insert TSA Contact Plate into cone clips
 - b. Remove the TSA Contact Plate dish cover.
 - c. Do not touch inside of plate or cover.
 - d. Obtain correct airflow prior to plugging in the cone. 100 lpm/210 scfh
 - i. Open line from source, then open D and then open D1.
 - ii. Confirm proper flow rate is obtained.
 - e. Attach Pinocchio, Close D1 and Open D2.
 - f. Allow air to flow on plate for 10 minutes, (total air volume required is 1000 liters).
 - g. When testing is completed, close D2.
 - h. Remove Cone from sampler.
 - i. Open cone, immediately cover plate and then remove plate.
 - j. Label TSA Contact Plate clearly with ID number.
 - k. Log ID number and sample description onto Sample Submission/COC sheet
9. AFTER BLIND SAMPLE
 - a. Repeat procedure for BEFORE BLIND SAMPLE
10. Follow above procedures for each sampling point.

COMPONENTS – RETURN ALL TO TRACE ANALYTICS

Components of “Pinocchio Super II”:

- a) Stainless steel base
- b) Air flow meter (the figures are in feet) – **(7)**
- c) Adjustment knob of the air flow meter
- d) Two ways air inlet connection
 1. Air inlet valve connection for air flow adjustment (no involved sterility in this phase of sampling) – **(1);(3)**
 2. Air inlet valve connection for microbiological air test (involved sterility in this phase of sampling) – **(2);(4)**
- e) Triangular S/S metal plate
- f) Pressure gauge – **(6)**
- g) Double O-rings connection between the “Pinocchio Super II”
- h) “Pinocchio funnel head”
 - Contact Version
 - Petri Version
- i) Collar – **(8)**
 - Contact Version
 - Petri Version
- j) Contact Plate Housing
- k) “Pinocchio funnel” support
- l) Handle
- m) SAS Super 100 support (optional)
- n) Air Flow meter outlet
- o) Parallelepiped aluminum block
- p) Tubing/Elbow connection between metal block and “Pinocchio” funnel
- q) Pinocchio Funnel Connection – **(5);(8)**

Components included from Trace Analytics, LLC when renting the KPSII

- a) Stainless Steel Ball Valve with quick connect plug, 1
- b) Pressure Gauge with quick connect plug, 1
- c) Stainless Steel Clamps, 4
- d) Stainless Steel Barbs, 2
- e) Coupler, 1 – to attach to outlet
- f) Nut Driver, 1
- g) KimWipes
- h) Spray bottle with Sanitizer, 1
- i) Zip Ties, unused
- j) Notebook, 1