



## Instructions for using Aluminum Cyclones



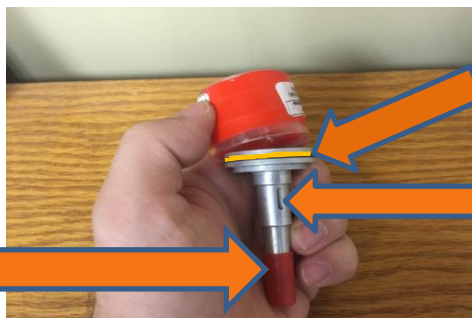
**Never turn cyclone upside down while cassette is in place, and keep the grit cap (may be red or black) on while sampling. Failure to follow either one of these may cause your samples to be invalid.**

- 1) Remove the red and blue nibs from the cassette. Do not throw them out as you will need to replace them when your event has finished.
- 2) Remove the top section of the cassette above the band (band color may vary) with the opener provided.



Nibs

- 3) Place open face of the cassette on top of the cyclone with the inlet of the cyclone facing outward.



Grit Cap

Cyclone Inlet

We have highlighted the O-ring in the picture to show its location.

**SGS**

**GALSON**

- 4) **Slide** spring loaded pressure plate forward while inserting the cyclone and sampling media. Pulling the springs up or out will cause damage you will be responsible for. **\*\*\* Be careful not to apply to much pressure when pressing down cassette. This can cause the top of the cassette to crack\*\*\***



- 5) Insert black hose connector into cassette.



- 6) Attach the cyclone to your clothing, roughly 6-9 inches from your nose or mouth.



### **\*NOTES\***

- If you are having issues making a tight seal with your cyclone and cassette, moisten the O-ring around the border of the cyclone and try again.
- When your sampling event is complete, you can remove the cassette the same way you inserted it.

- Remember to place your red and blue nibs back into their original location to seal your sample.



## Instructions for SKC Aluminum Calibration Chamber

- Attach the tubing from the calibration chamber to a field rotameter.
  - Moisten the O-ring inside the calibration chamber and slide it over the bottom portion of the cyclone (where the grit pot is) until it seals on the cyclone
- The calibration chamber is only for calibrating the pump with the cyclone attached. **It should not be used when sampling.**



**NEVER TURN CYCLONE UPSIDE DOWN**

**If you have any issues with any equipment, please use the provided Equipment Failure Form and stickers. Or call 24/7/365 (1-888-432-5227)**