

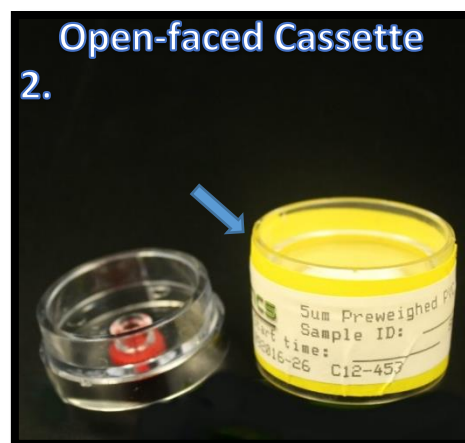
Respirable Dust / Silica Sampling with SKC Aluminum Cyclones



1. Equipment

1.

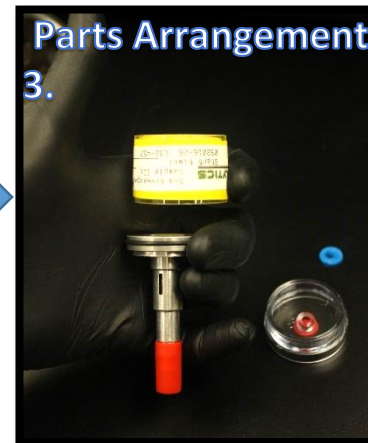
- SKC Aluminum Cyclone
- C-12 Pre-weighed PVC 3-piece
- Pump and cassette holder



2. Open-faced Cassette

2.

- Use flat blade or screwdriver to open



3. Parts Arrangement

3.

- Wet the cyclone o-ring very lightly with water to ease assembly



4. Assembled Cyclone/Cassette

4.

- Remove cassette outlet plug
- Cassette mounts face-down onto cyclone



7. Assembled Train

7.

- Ready for calibration and sampling at **2.5 LPM flow rate**



6. Mount Sampler into Holder

6.

- Place cyclone/cassette into holder (lug in slot)
- Attach holder tubing to cassette outlet



5. Cyclone Orientation

5.

- Line up cyclone lug with holder slot

(Over for Calibration Guide)

Calibration for Respirable Dust / Silica Sampling with SKC Aluminum Cyclones



1.

Cyclone Calibration Starting Point



2.

Calibration adapter



3.

Mounted to cyclone



4.

Sampling train rigged for calibration

CALIBRATE AT 2.5 LPM

(Over for Sampling Guide)