

ChemDisk™ Personal Monitor

Use of Particle Screen

The **Particle Screen** consists of two parts:

- A. **Filter** (white) to be placed over the sampling holes of Monitor
- B. **Retaining Ring** to hold the Filter in place

1. Follow Section A to assign Monitor for sampling as described in *Instructions for Use*.
2. Attach clip and open Flip-Top Sampler Cap as instructed in Section B of *Instructions for Use*.
3. Use scissors to cut off Flip-Top. Flip-Top must be stored in a clean, secure location, where particulates are not being used, for replacement after sampling is completed.
4. Remove Particle Screen from the zip-lock bag. Place the filter flat over the holes of the Monitor and place retaining ring against the filter. **Press the Retaining Ring toward the edge of the Filter so that it holds the Filter tightly against the sampling holes.**
5. Continue with Section B of *Instructions for Use*.
6. When monitoring is complete, **Remove and discard Particle Screen** (Filter and retaining ring).
7. Replace clean Flip-Top to close badge securely.
8. Continue with *Instructions for Use*, Section C, D and E to package and return the Monitor to Laboratory for analysis.

IMPORTANT NOTES:

Particle Screens should only be used when there is a reason to believe a substantial amount of the contaminant being sampled is present in a particulate form.

The Particle Screen reduces the vapor sampling rate of the ChemDisk™ monitor by 20%. Sampling results must be multiplied by 1.25 to correct for this effect. It is important that your Analytical Laboratory know which monitors were used with the Particle Screen so that this correction can be applied.