



Personal Monitoring System

ChemDisk™ Mercury Vapor Sampler

INSTRUCTIONS FOR USE

DESCRIPTION

ChemDisk™ Personal Sampler is designed to measure exposure to chemicals to demonstrate compliance with Permissible Exposure Limits (PELs) and Short Term Exposure Limits (STELs) defined by the Occupational Safety and Health Act of 1970. After use the Sampler is returned to the Laboratory for analysis. The enclosed *Technical Insert* contains product specifications.

The ChemDisk™ Sampler Pack contains:

- Samplers (in pouches) & attachment Clips
- Return Pouches (empty foil pouch)
- *Instructions for Use* (this text)
- *Technical Insert* (colored sheet)

A. Identify Components and Assign Samplers

1. Choose a Sampler for each person monitored.
2. Open Foil Pouch and remove Sampler.
3. Discard pouch.
4. Locate Sampler ID Numbers printed on back of Sampler.
5. Enter Sampler ID No. and Sample ID on Laboratory Request Form or other Chain-of-Custody Document.
6. Begin Sampling as indicated below within one hour of opening the Foil Pouch.



B. Begin Sampling

1. Attach clip to Sampler.
2. Open Flip-Top Sampler Cap to reveal sampling holes.
3. Clip Sampler to pocket or lapel of person monitored near to the breathing zone.
4. Record Sampling Date and Start Time on Chain-of-Custody Document.
5. Refer to *Technical Insert* for recommended Sampling Time.



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C. End Sampling

1. At the end of Sampling Time, remove Sampler.
2. Before closing the Flip-Top Sampler cap, **remove the Filter and Filter Ring from the front of the Sampler.**
3. **Discard Filter and Filter Ring**, then close the Flip-Top Sampler cap securely.
4. Record Stop Time (and Date, if applicable) on Chain-of-Custody Document.
5. Total Sampling Time (minutes) may be entered in place of Start and Stop Times.



Sampler with Filter Removed



Sampler Closed

D. Complete Chain-of-Custody Document provided by your Lab

1. Enter Sampler ID# (printed on Sampler) on Chain-of-Custody Document.
2. Enter **all required information** on Chain-of-Custody Document.
3. Keep a copy of Chain-of-Custody Document for your records.

E. Return Sampler to Analytical Laboratory

1. Place Sampler in Return Pouch and close securely.
2. Refer to *Technical Insert* for maximum Holding Time allowable between sampling and lab analysis.
3. **For the most reliable sample handling and prompt turn-around, send via a trackable express service (UPS, FedEx, etc.) rather than the U.S. Mail.**
4. For analysis, return Monitors to:

Analytical Laboratory
250 DeBartolo Place, Ste. 2525
Boardman, OH 44512

For **Technical Support**, call your AIHA-accredited Laboratory.

WARRANTY

Products and services are subject to regular quality control programs and evaluation studies carried out under controlled conditions. While we pledge to work with each customer to establish field procedures which produce acceptable results, performance under all field conditions is not guaranteed. **As our sole warranty, we guarantee to repair or replace any product or repeat any service found defective prior to its expiration date or within one year of sale for non-dated items.**

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