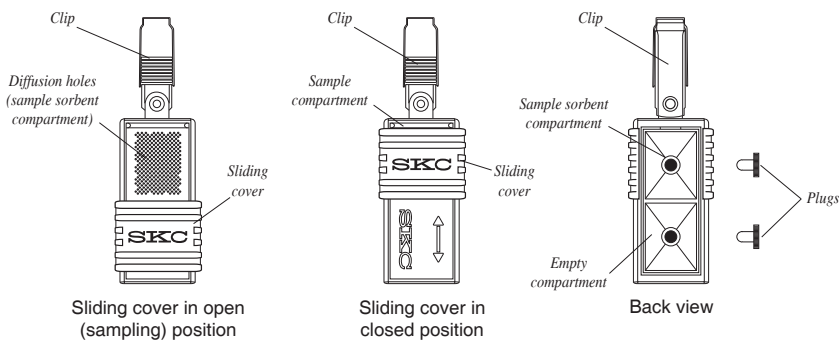




# Operating Instructions

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Tel: 724-941-9701 • [www.skinc.com](http://www.skinc.com)

## ULTRA Passive Samplers Without Blank, with Charcoal Sorbent Cat. No. 690-105-NB



### Applications

SKC patented\* ULTRA® Passive Samplers provide for low ppb to ppt detection of organic vapors in ambient and indoor air.

### Performance Profile

**Sampling Rates:** Go to the SKC Passive Sampling Guide at [www.skinc.com/catalog/passive-guide.php](http://www.skinc.com/catalog/passive-guide.php).

**Analysis:** Solvent extraction; gas chromatography (GC)  
See *Analysis Instructions* at [www.skinc.com/instructions/40127.pdf](http://www.skinc.com/instructions/40127.pdf).

**Shelf-life:** Six months from date of manufacture. Store at  $\leq 39.2$  F (4 C).

\* U.S. Patent No. 6,607,581

# Sampling

1. Open the pouch. Remove the sampler.
  - a. Do not discard the pouch.
  - b. Store the pouch in a clean, organic solvent-free environment.
2. Record the following:
  - a. **Sample ID** on the pouch and sampler ID label
  - b. **Sampling location** on the pouch
  - c. **Date sample taken** on the pouch

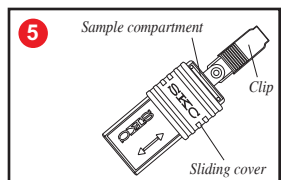
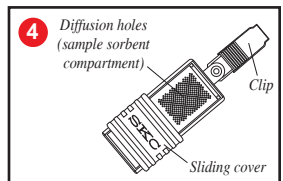
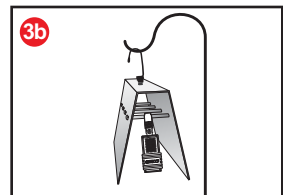
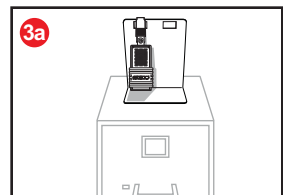
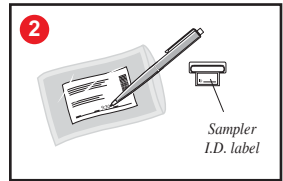
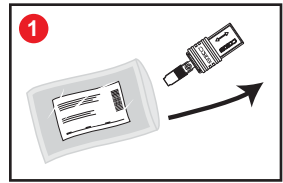
❗ **Do not use Sharpie® markers or equivalent to mark the label or pouch as these can off-gas VOCs.**

3. Clip the sampler(s) in an appropriate location.
  - a. **Indoors:** Clip the sampler(s) to a stand accessory (Cat. No. 690-302) and locate at an appropriate height.
  - b. **Outdoors:** Clip the sampler(s) inside the shelter (open on two ends and bottom to allow air to flow freely). Hang the shelter securely at the appropriate height.

❗ **Ensure the diffusion holes in the sampler are not obstructed in any way.**

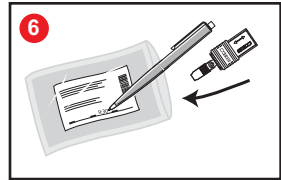
4. Start sampling: Slide the sampler cover to the open position (diffusion holes visible). Write the sample start time on the pouch label.

5. Stop sampling: Slide the sampler cover to the closed position (arrow and SKC visible). Write the sample stop time on the pouch label.  
**Important:** Measure and record ambient temperature and atmospheric pressure. Include in information sent to the laboratory.

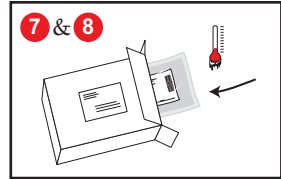


6. Place the sampler in its resealable pouch **immediately** after sampling.

❗ **Ensure the sample ID on the sampler matches the sample ID on the pouch.**



7. Seal the pouch(es). Place the pouch(es) in a container with a cool pack.
8. Use expedited shipping to send the sample(s), pertinent information, and Chain of Custody form(s) to a laboratory for analysis.



## Storage

**Before Sampling:** Up to 6 months at  $\leq 39.2$  F (4 C) in a clean, organic solvent-free environment

**After Sampling:** 21 days at  $\leq 39.2$  F (4 C) in a clean, organic solvent-free environment

## Ordering

ULTRA Passive Samplers, pk/5, prefilled with:	Cat. No.
Charcoal, 500 mg	690-105-NB

*Limited shelf-life; see Storage above*

### Sampling Accessories

Stand for Indoor Sampling	690-302
Shelter for Outdoor Sampling	690-303

## SKC Limited Warranty and Return Policy

SKC products are subject to the SKC Limited Warranty and Return Policy, which provides SKC's sole liability and the buyer's exclusive remedy. To view the complete SKC Limited Warranty and Return Policy, go to <http://www.skcinc.com/warranty>.

