



# Operating Instructions

863 Valley View Road, Eighty Four, PA 15330 USA

Tel: 724-941-9701 • www.skcinc.com

## Passive Thermal Desorption Tubes Cat. No. 226-520 and 226-521

SKC Passive Thermal Desorption Tubes have brass Swagelok screw caps containing PTFE ferrules on each end. The tubes are supplied with diffusion caps for sampling. A wrench set (1/2- and 9/16-inch) is required to remove the Swagelok screw cap on the tube inlet for placement of the diffusion cap.

### How to Use the SKC Passive Thermal Desorption Tube

1. Stand the tube in front of you with the inlet at the top. *Note: the inlet is indicated by the word "CAP" and an arrow pointing to it printed on the tube, and a green dot stamped on the top of the inlet cap plug.*
2. Place the 9/16-inch wrench on the inlet screw cap and the 1/2-inch wrench on the plug. Hold the screw cap in place while turning the plug **counterclockwise** to loosen the plug. *See right.*
3. **Carefully** remove the plug and the screw cap from the tube so that the PTFE ferrule inside the screw cap does not fall out.
4. Push the diffusion cap onto the tube. The tube is ready for sampling.
5. After sampling, remove the diffusion cap.
6. Place the screw cap and the plug back on the inlet and initially screw the plug into the screw cap by hand. Use the wrenches to tighten the plug into the screw cap as described in Step 2 but turn the plug **clockwise** to tighten them. The tube is ready to transport for analysis.



### 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>.