Inspect your media

- Each sampling assembly will require the following parts:
  - Pocket Pump® sampling pumps
  - SVI™ thermal desorption tubes (TD)
  - Swagelok® ¼ “ x ¼” union fittings
  - Teflon® tubing 5/32 “ ID x ¼” OD
  - Masterflex® tubing ¼”ID tubing.
- Compare the content with the packing slip, and notify Pace Analytical of any discrepancy or damage. Please note: The sampling pumps have been pre-calibrated for your convenience.

Prepare for sampling

- Familiarize yourself with the diagrams on the right.
- Using nitrile gloves, remove the end cap fittings from the TD tube with adjustable wrenches.
- Securely connect the TD tube to the union fittings.
- Connect the remaining tubing to complete the sample assembly. Please note: The directional arrow of the TD tube should always be pointing towards the sampling pump.

Sample Collection

- The SKC pocket pump comes charged and calibrated.
- Refer to the media request form to match the pump serial number, flow rate and collection time for its intended use.
- Press (▲▼) buttons on the pump at the same time to start the pump and begin the sampling process.
- Be sure to record the start times on the Chain of Custody.
- Reference the serial numbers of the TD tubes to the chain of custody.
- Do not write on or attach labels or tape to the tubes.

Sample Completion

- At the conclusion of the run time press (▲▼) buttons at the same time to stop the pump.
- Record the end time on the Chain of Custody.
- Disconnect the TD tubes using adjustable wrenches and reinstall the end caps.
- Wrap in aluminum foil and place the sample tubes in a clear plastic bag for return shipment.

Return Samples & Pumps

- Send the TD tubes back to the laboratory on blue ice for overnight delivery. If you are unable to ship the samples back the same day, store the samples at 4 degrees C.
- Carefully pack and return the pumps to the laboratory in the container they were shipped in.
- Upon receipt, the laboratory will verify the calibration of the pumps used to collect samples.