

- Trap Volatiles on S.I.S Desorption Tubes
- Usable with a Variety of Glass Sample Tubes
- Two Adjustable Ball Rotameters (0-100 ml/min) Mounted on Nylon Base
- Plastic Safety Shield
- Dry Purge Gas Inlet for Drying Samples
- Expandable for Dual Sample Purging
- Adaptable for Other Manufacturers Desorption Tubes

The new Purge and Trap System consists of two single-ball rotameters with adjustable needle valve mounted on a nylon plastic base with an 18" long mounting rod support. The stainless steel purging head mounts onto the support rod via an adjustable mounting clamp. The two inch diameter plastic safety shield surrounds the glass sampling vial for visibility of the sample being purged while providing additional safety during sample purging. An additional stainless steel purge head, clamp, support rod, and safety shield can be added to the other side of the system base to permit the purging of two samples simultaneously.

The stainless steel purging head has two gas inlets. The top gas inlet incorporates a needle adapter to seal the replaceable purging needle and also provides for the introduction of the purging gas. The second gas inlet provides for an optional dry purge gas (or make up gas) to aid in removing water from wet samples. If not required this dry purge gas connector is fitted with a 1/16" Swagelok cap seal to seal off this line. The bottom fitting of the stainless steel purging head consists of a 1/2" Swagelok fitting with a PTFE ferrule for the attachment of standard 1/2" diameter sampling tubes.

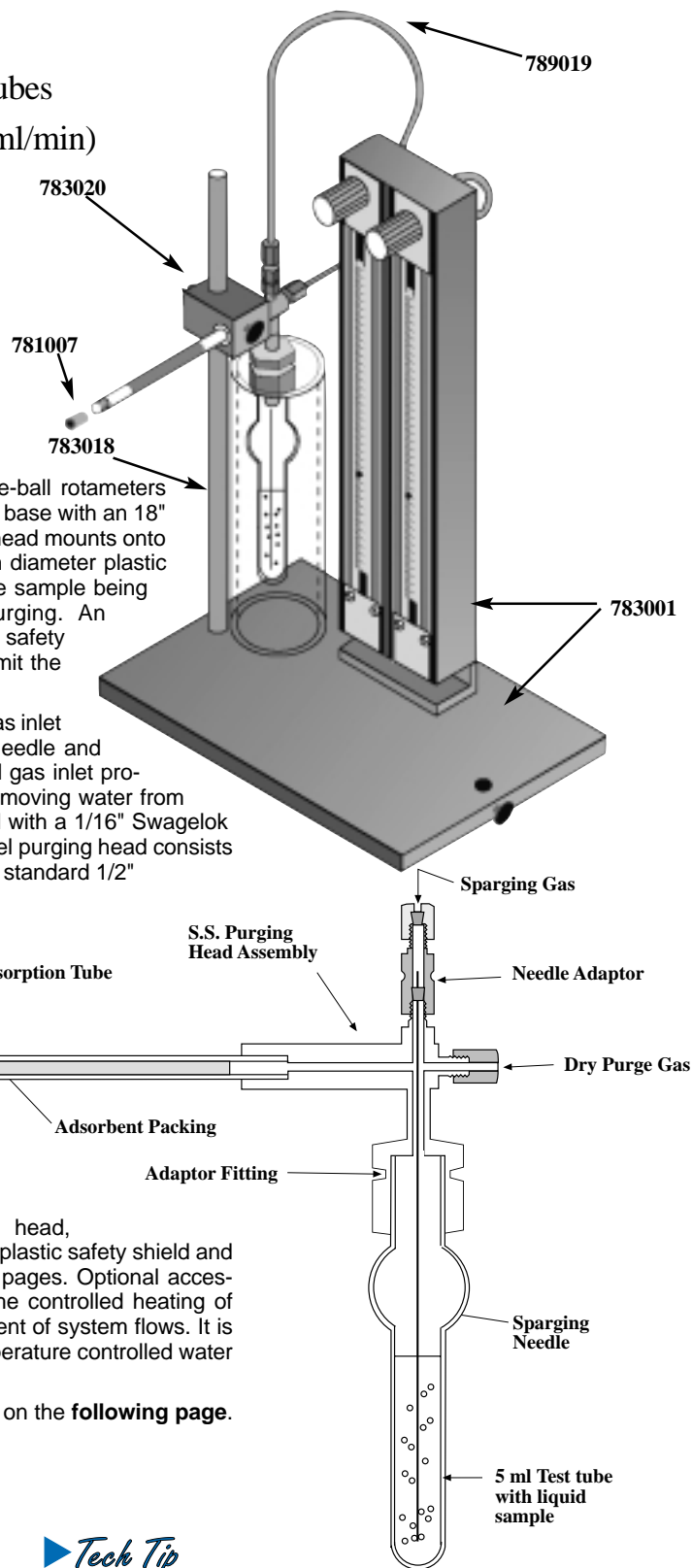
The Complete Purge and Trap System consists of the rotameters with adjustable needle valves mounted on the nylon base, one 18" mounting rod, one mounting clamp, one standard stainless steel liquid purge head, one sparging needle, one 5ml sample tube, one plastic safety shield, one stainless steel cap with hole and PEEK® tubing for gas connection lines.

The Flowmeter Stand consists of the two single-ball rotameters with adjustable needle valve mounted on the plastic base and one support rod.

To expand the system for an additional liquid sampling head, accessories including a support rod, stainless steel purging head, plastic safety shield and peek tubing are also available as listed on this and succeeding pages. Optional accessories include heater blankets and temperature controllers for the controlled heating of samples and digital mass flowmeters for the accurate measurement of system flows. It is recommended that this system be used in conjunction with a temperature controlled water bath.

Adapters for other manufacturers Desorption Tubes are listed on the following page.

| Part No. | Description | Price |
|----------|---|-------|
| 783010 | Complete Liquid Purging System | |
| 783001 | Flow meter and stand only | |
| 783020 | Clamp | |
| 783018 | Support Rod 3/8" dia. x 18" long | |
| 789019 | PEEK® connector tubing, 1/16" O.D. per foot | |
| 781007 | S.S. Desorption Cap with hole | |



Tech Tip

The P & T system can be used for solid samples as well as liquid samples.