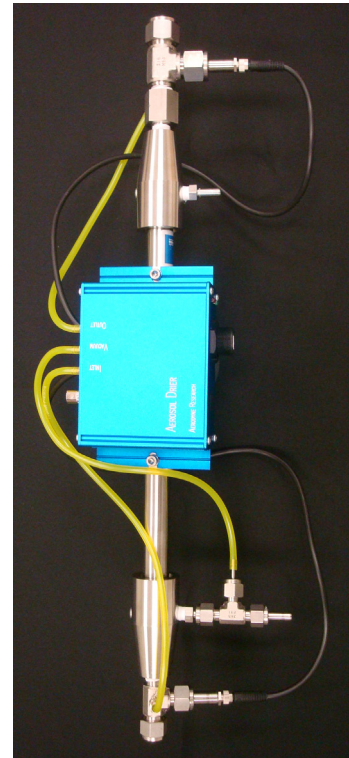
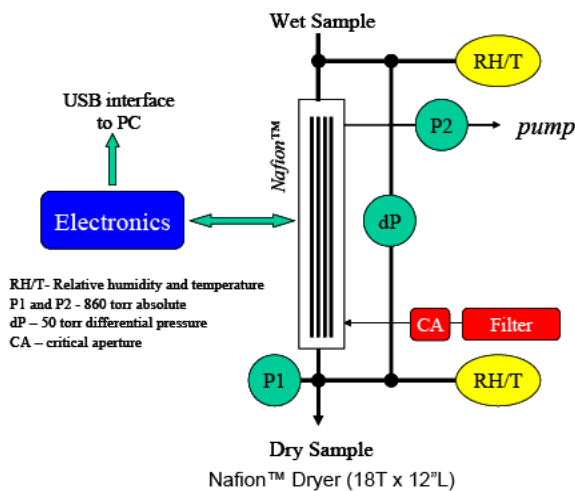




## Aerosol Sample Dryer System

*Provides a simple solution to dry gas or aerosol samples at flow rates up to 10 LPM*



### APPLICATIONS

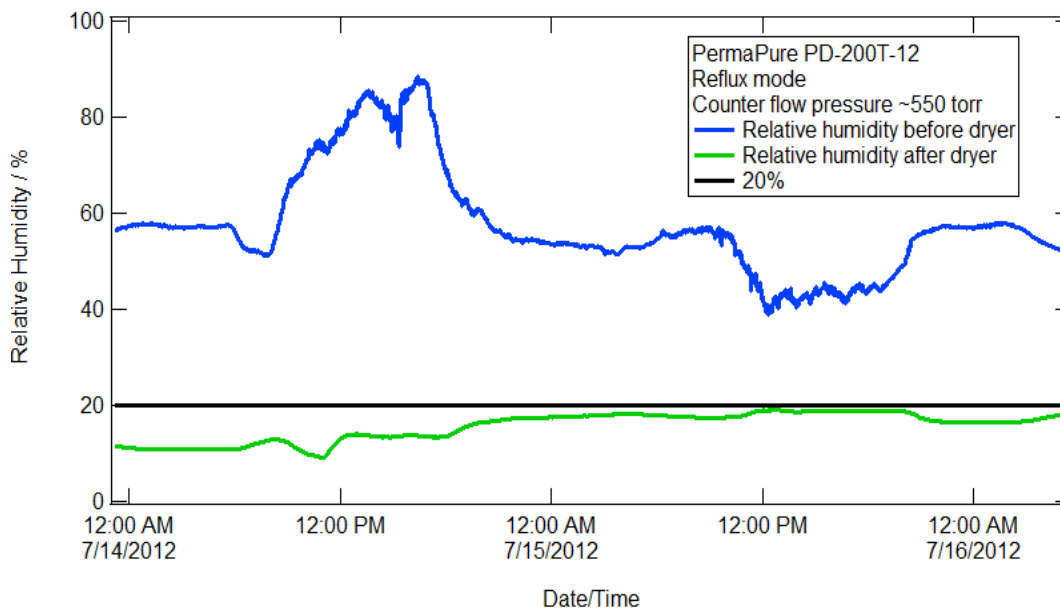
- Dries gas or aerosol flow streams.
- Can be used for gas or particle instruments that require reduced relative humidity flow streams.
- Use to prevent condensation of water vapor in sample delivery lines.
- Can also be used to humidify sample flows.
- Data logging software is provided.

### ADVANTAGES

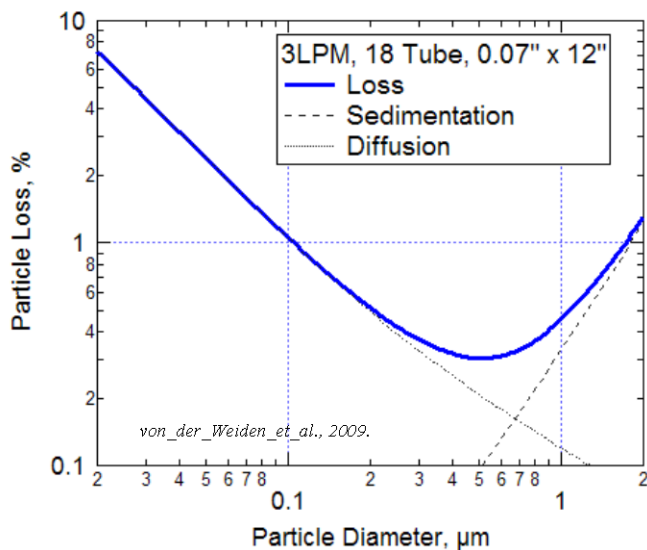
- No additional gas is needed; the dryer is operated by a vacuum pump.
- Complete with two relative humidity (RH), two temperature (T) and three pressure (P) sensors for complete diagnostics of performance.
- USB interface provides power and communication.
- 1 Hz data rate for RH, T, P and 0-5V ADC input.
- Designed to operate with the ARI Sample Flow Controller system.



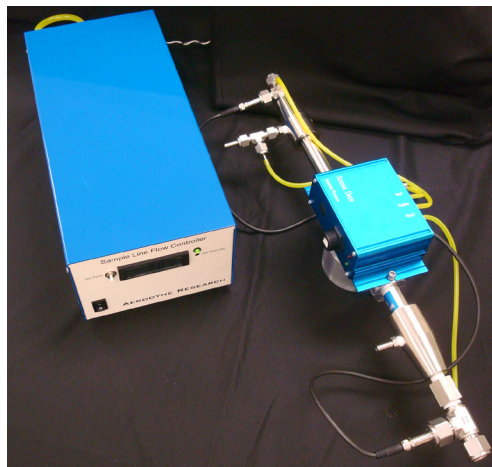
## Aerosol Sample Dryer System



### Aerosol Dryer Loss Calculation



### Combined Flow Controller and Dryer System



Inlet and outlet fittings 3/8" to 1/2" Swagelok™