

Mixing Condensation Particle Counter



Rapid (5Hz) number concentration measurements down to a few nanometers.

Model 1720

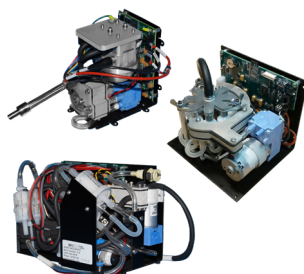
Tricolor Absorption Photometer



Real-time light absorption and black carbon measurements.

Model 2901

ACCESS Suite of Instruments



Miniaturized particle size distribution, particle concentration, BC and filter modules; great for unmanned aerial vehicles and other mobile platforms.

Model 9400 Series

Scanning Electrical Mobility Spectrometer



Rapid aerosol number size distribution measurements up to 2 micron diameter.

Humidified Tandem Differential Mobility Analyzer



Explore the size- dependent water uptake and CCN properties of ambient aerosol.

Model 3100

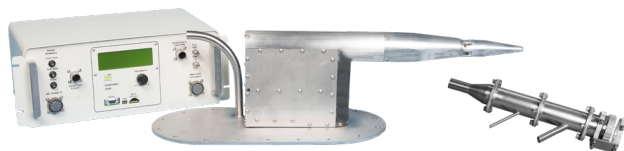
Particle into Liquid Sampler



PM1 and PM2.5 aerosol chemistry applications; both on-line and off-line analyses for soluble ions and organic species.

Model 4001

Isokinetic Inlet System



Ideal for sampling particles from aircraft or other moving platforms.

Model 1200
*Shown with pick-off ports

Aircraft or Ground-based Counterflow Virtual Inlet Systems

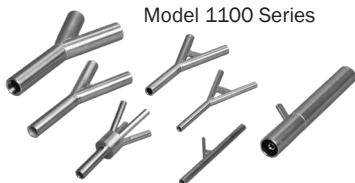


Probe the properties of real clouds and condensation nuclei (CCN).

Flow Splitters

For high-precision sample flow handling.

Model 1100 Series



Pumped Counterflow Virtual Impactor

On-line separation of coarse from fine aerosol.



Model 8100

Aerosol Generation System

Generate known composition aerosol.



Model 9200

Neutralizer

Produces bi-polar equilibrium particle charge distribution.



Model 9000
*shown with Po-210 strips, sold separately