

## Electrical Neutralizer

### Model 1090

The Electrical Neutralizer 1090 produces a Boltzmann equilibrium charge equivalent to that produced by a radioactive ionizer, but without the use of radioactivity. The model 1090 uses both positive and negative ions produced from an electrical AC corona discharge to condition the particles, and does not generate contaminant particles. The model 1090 can operate at flow rates from 0.5 to 2.5 L/min.



## Filtered Air Supply

### Model 3074B

Cleans, dries, and regulates compressed air for aerosol generation and other applications.

The Filtered Air Supply removes oil or other liquid droplets from the incoming air using two prefilters. It also removes any remaining moisture in the air stream by passing the air through an advanced regenerating membrane dryer. Plus, it removes fine particles and vapors using a high-efficiency filter at the outlet. This full-featured compressed-air conditioner allows you to make pressure adjustments using an included gas-regulator valve. It handles a maximum flow rate of 60 L/min at a dewpoint as low as 2°C. Maximum inlet pressure is 1,000 kPa (150 psig).



## Flow Splitter

### Model 3708

Routes sample from one source to several instruments.

The Flow Splitter directs an aerosol sample to as many as four destinations at once. This accessory is especially useful when performing instrument comparison or calibration experiments. Smooth flow transitions provide equal flow distribution. Stainless-steel construction and an electropolished interior prevent the aerosol from being contaminated or lost to the walls. The Flow Splitter has a  $\frac{3}{8}$ -inch straight-tube inlet and four  $\frac{1}{4}$ -inch outlets (outside diameters). Maximum total flow rate is 30 L/min.

