

## Accessories for all Chambers and Glove Boxes: HEPA Filtration Variations & Components



800-HEPA/S (External view with exhaust outlet connector.)

Additional Filtration components (not shown).

**#CF-50/9 Carbon Filter** "Spun Media" pad, 9"Ø, (229mm Ø) Color black. Twelve (12) per package.

**#GF-50-B9 Glass media Filter Pad**, 9"Ø (229mm Ø) Color pink, five (5 µ) microns. Twelve (12) per package.

**#MF-50/9 Spun Polypropylene Pre-filter Pad**, 8"Ø (203mm Ø) diameter. Color white, point four (.4 µ) microns. Twelve (12) per package.



800-HEPA/D. Open exhaust (double) HEPA filtration system.



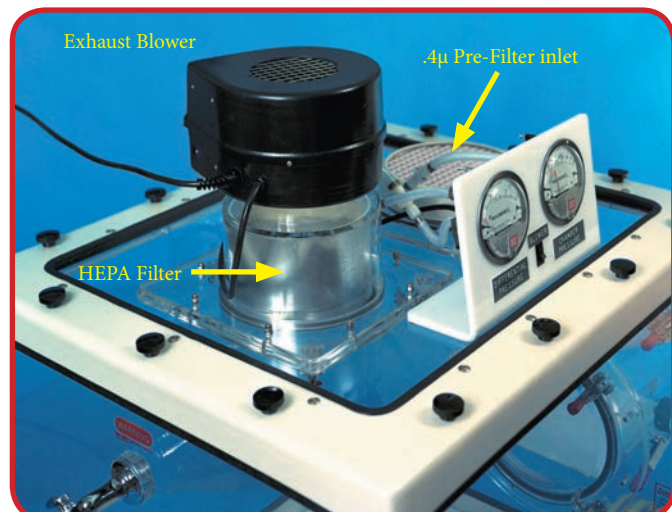
800-HEPA/S with filter access door open. Internal view (when changing filters)

Special Carbon filter types available

**#800-CARBON/A Replacement Carbon Filter** (8"Ø) (203 mm) diameter. One (1) per package. Impregnated Carbon Filter for alkaline type fumes.

**#800-CARBON/B Replacement Carbon Filter** (8"Ø) (203 mm) diameter. One (1) per package. Impregnated Carbon Filter for ammonia or amines.

**#800-CARBON/C Replacement Carbon Filter** (8"Ø) (203 mm) diameter. One (1) per package. Non-Impregnated Carbon Filter for absorption of aromatic hydrocarbons, organic vapors, keytones, alcohols, organic acids, esters, Nitrogen compounds, and odors.



800-HEPA/S Typical single filter set-up on the 830-Series Glove Box

# Accessories for all Chambers and Glove Boxes: Atmosphere Purification (Continued)



800-HEATER & 800-PC

## #800-HEATER (1.), Catalyst Heater Unit

Maintains correct incubation temperature levels and helps reduce trace amounts of Oxygen in the glove box. Includes **thermocouple** (2.) for temperature sensing. Place thermocouple at your desired height inside chamber.

**#800-PC (3.) Palladium Canister** filled with 1/2 Lb. of Palladium (Pd). Canisters sold separately. Canisters can be recharged by baking in a hot oven.

The heater draws the internal atmosphere off the floor and pushes it up across heating elements and Palladium pellets. Any trace amounts of Oxygen are then reduced into water (H<sub>2</sub>O) vapor. The Drying Train #800-DT (see below) then removes the vapor as needed.



800-DT Drying Train System with Pump

**#800-DT** removes unwanted moisture (H<sub>2</sub>O) from the internal atmosphere of the glove box. Includes pump, hoses, and three (3) canisters filled with Molecular Sieve™ (**#800-DESI**).

**#800-DESI** includes three (3) canisters filled with Molecular Sieve™ and hoses with quick disconnects. Pump not included.



800-ONEG Oxygen Removal System

NOTE: Vacuum pump not included with 800-ONEG system.

**#800-ONEG** includes O<sub>2</sub> indicator (1.) Oxygen Trap (2.) hoses and plastic holder.

**#800-ONEG** reduces O<sub>2</sub> level down to 10-12 ppb. Must order as a set only.

NOTE: Glove box must be made anaerobic before attaching this system.

**#800-PUMP**, Diaphragm pump mounted on a .375" plastic base with suction cup feet for stability.

Includes an in-line on/off switch and five (5) feet of flexible hose. No quick disconnects.



800-PUMP, Vacuum Pump

800-PUMP/Exp, Export Model

Electrical requirements for all products this page:

North American: 115-120 Volts 60 Hz. 5 Amps.

International (Export): 220-240 Volts 50 Hz. 2.5 Amps.

## Additional Items for Filtration.

- #CF-50/9** Carbon filter pad, 9"Ø (228 mm). "Spun Media" color black. Twelve (12) per package.
- #GF-50-B9** Glass media Filter Pad 9"Ø (228 mm) Color pink, (5 µ) microns. Twelve (12) per package.
- #MF-50/9** Spunbound Polypropylene pre-filter, 9"Ø (228 mm), color white, 0.4 µ non-hygroscopic. Twelve (12) per package.