

diamond **PureFlow**[™]

Vacuum Filtration Systems



Complete Systems • Bottle Top Filters • Solution Bottles

Diamond® PureFlow™ Vacuum™ Filtration Systems from Globe Scientific provide high-quality, cost-effective options for large volume filtration needs. Systems are offered in multiple configurations and in sizes from 150mL up to 1000mL. Full systems include the filter unit, solution bottle, and sterile bottle cap. Bottle top filter units fit Diamond® PureFlow™ solution bottles or other laboratory media bottles with GL45 threads.

Low protein binding Polyether Sulfone (PES) membranes make Diamond PureFlow™ vacuum filters perfect for clarification, separation, or sterilization of aqueous solutions including cell culture media, biological samples, and laboratory reagents. Filter

membranes are available in 0.10µm, 0.22µm and 0.45µm porosities to meet the requirements of most applications. Membrane and porosity are clearly marked on each filter unit.

Engineered with laboratory efficiency and safety in mind, Diamond® PureFlow™ vacuum filter systems include a multi-step, angled hose barb that accepts multiple sizes of vacuum lines while keeping the system stable on the benchtop. Graduation markings are included on both the filter unit and solution bottle for easy reference during and after filtration operations. Diamond® PureFlow™ vacuum filter systems are molded from virgin USP Class VI polystyrene (PS) and acrylonitrile butadiene styrene (ABS).

