

Replacement Cartridges for Laboratory Water Purification Systems

Cartridges provide ultra-high-purity water for use with MODULAB®, PURELAB®, Millipore® and Barnstead® water systems. The wide selection of cartridge styles and types allows custom-configuration of your laboratory water system to meet a variety of application needs.

Standard Features and Benefits

- Higher ion exchange capacity than other manufacturers' cartridges
- Lower cartridge replacement costs
- Unique diffuser design for even distribution of water and maximum cartridge life
- Vacuum packaging for maximum shelf life
- Ultrasonic-welded seams and joints for extractable-free product water
- Date coded for critical quality control
- GMP cartridge manufacturing facility
- Patented downflow design maximizes removal efficiency and cartridge capacity

We offer the following types of resin:

Activated Carbon Used for pretreating tap water before deionization. Removes traces of chlorine and organics through adsorption.

Colloidal Removal Resin Removes colloids and bacteria by ion exchange and adsorption. Protects and enhances performance of deionization resin, and extends final filter life.

Cation Exchange Resin Removes positively charged impurities. When used alone, this resin will lower solution's pH. Usually used in conjunction with anion resin in a mixed bed ion exchange cartridge.

Anion Exchange Resin Removes negatively charged impurities. When used alone, this resin will raise a solution's pH.

Oxygen Removal Resin Removes oxygen and prevents corrosion in water cooling loop applications. For use on feed water containing less than 10 ppm ionized solids.

Mixed Bed Ion Exchange Contains a mixture of cation and anion resins in a mixed bed to purify water up to 18.2 megohm-cm. Used to polish pretreated water, or to produce high-purity water in a loop system.

Organic Scavenger/Removal Resin Removes trace organics from deionized water to less than 10 ppb TOC.

High Capacity Ion Exchange Combines anion and cation resin in a 2-bed configuration. Used for purifying large quantities of water at a lower purity level than provided by mixed bed deionization. May also be used to pretreat mixed-bed cartridges for longer cartridge life.

Custom Cartridges

Specialty resin cartridge configurations are available to meet your needs. Call our technical service department for more information. Minimum order volumes apply.

