

Thermo Scientific Bantam Deionizer

Economical way to deionize water and easily view resistivity directly from unit



- Customizable to specific applications by selecting the appropriate cartridge
- Ideal for applications requiring up to 38L/hr of purified water
- Point-of-use polishing of pretreated water or single-stage treatment of tap water
- Integrated direct-reading purity monitor
- Inlet pressure range: 5 to 70psi (0.35 to 4.9kg/cm²)
- Mounts on benchtop or wall
- Select the cartridge best suited to meet your application needs

Applications: Pretreatment and deionization

Includes: 3ft. (91cm) inlet tubing

Required Accessories: Cartridges sold separately

System Warranty^Y: 1 year parts, 90 days labor

Cartridge Warranty^Y: 1 year parts

Notes: Designed for nonpressurized applications. Output water must be diverted to an atmospherically vented receptacle; no back pressure can be accepted.

Cat. No.	Model	L x W x H	Resistivity	Flowrate	Max. Feed Water Pressure	Electrical
D0800	Bantam Deionizer	22 × 15 × 72cm (8.75 × 6 × 28.5in.)	Reads 25,000 to 18,000,000ohms-cm	Up to 38L/hr	0.35 to 4.9kg/cm ² (5 to 70psi)	120V 50/60Hz
D0805	Bantam Deionizer	22 × 15 × 72cm (8.75 × 6 × 28.5in.)	Reads 25,000 to 18,000,000ohms-cm	Up to 38L/hr	0.35 to 4.9kg/cm ² (5 to 70psi)	240V 50/60Hz

Required Accessories

Cat. No.	Type	Characteristics	Resin	Capacity	Cartridge Size
D0760	Anion Removal	Effective removal of weakly ionized impurities, raises the pH of solutions, recovers precious metal complex	Strong Anion Exchange	1680 grains	Full
D0815	Cation Removal	Converts ionized salts to the acid form resulting in a product water that is low in pH, ideal for precious metal or isotope recovery	Strong Cation Exchange	3170 grains	Full
D0803	High Capacity	Removes ionized impurities, produces a larger quantity of water than that of the Ultrapure (D0809), however at a lower resistivity	Two-bed Ion Exchange	1760 grains	Full
D0813	Organic Removal	Removes organics and chlorine	Activated Carbon	5000 gal.	Full
D0809	Ultrapure	Removes ionized impurities to produce high resistivity water with a neutral pH	Mixed Bed	875 grains	Full
D0832	Ultrapure and Organic Removal	Commonly used as still pretreatment. Removes ionized impurities and has a layer of activated carbon to remove chlorine and organics	Mixed Bed, Activated Carbon	785 grains/ 1000 gal.	Full
D0835	Macroreticular and Organic Removal	Effectively removes colloids, bacteria, organics and chlorine. Excellent for pretreatment	Macroreticular, Activated Carbon	5000 gal.	Full
D0811	Oxygen Removal	Maintains low oxygen content to prevent corrosion in cooling loops, etc. The feed water should contain less than 10ppm of ionized solids	Porous Strong Anion Exchange	30 g	Full
D8811	Ultrapure, Oxygen and Organic Removal	Removes ions, oxygen and organics to produce water with a high resistivity	Mixed Bed Ion Exchange, Porous Strong Anion Exchange and Activated Carbon	365 gr / 2000 gal./ 12 g	Full