

Thermo Scientific™ Barnstead™ Bantam™ Deionizer

View resistivity reading directly from unit

– Selectable cartridges to best meet your application

Use this nonpressure cartridge system for polishing pretreated water or single-stage deionization of tap water. Deionizer monitor indicates when it is time to change cartridges. When the monitor drops below the acceptable minimum purity, or when it registers in the 0.05 to 0.025 MΩ range, the cartridge should be replaced. Monitor shows resistivity of effluent from 25 to 18 MΩ-cm. Disposable cartridges are easily replaced by turning a thumbscrew. Deionizer mounts on benchtop or wall.

What's included: 3 ft (0.9 m) of inlet feed tubing and four screws for wall mounting.



| Resistivity range (MΩ-cm) | Max flow rate | Inlet pressure | | Inlet water temperature | Inlet connections | Dimensions (W x H x D) | Power (VAC, Hz) | Catalog number | Price |
|---------------------------|---------------|------------------|-----------------|-------------------------|---------------------------|---|-----------------|-----------------------------|-------|
| | | Max | Min | | | | | | |
| 0.025 to 18 | 38 L/hr | 70 psi (4.8 bar) | 5 psi (0.3 bar) | 40 to 120°F (4 to 49°C) | 1/4" OD tubing (supplied) | 6" x 28 1/2" x 8 3/4" (15.2 x 72.4 x 22.2 cm) | 120, 50/60 | GH-99261-01 | |
| | | | | | | | 240, 50/60 | | |

Cartridges (more available on page 964)

| Description | Application | Capacity | Catalog number | Price |
|----------------|--|---------------------|-----------------------------|-------|
| Anion removal | Removal of weakly ionized impurities, raises the pH of solutions, recovers precious metal complex | 1680 grains as NaCl | GH-01505-16 | |
| 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 | 3170 grains as NaCl | GH-01505-18 | |



High-Capacity Ultraviolet Sterilizer

No more nasty chemicals

- Destroys 99.9% of bacteria without adding chemicals to the water!
- Supplies disinfected water at a rate of 10 GPM

Sterilizer features a monitoring system that alerts you when the UV lamp has burned out. UV lamp disinfecting life is approximately 9000 hours. Sterilizer has 3/4" NPT(F) inlet and outlet connections and measures 5 1/2"W x 25"H x 5 1/2"D (14 x 63.5 x 14.0 cm).

What's included: 5 ft (1.5 m) of polypropylene tubing, brackets, hardware for wall mounting, and 6-ft (1.8-m) cord (120 VAC unit includes three-prong plug).



| Flow rate | Power | | | Catalog number | Price |
|---------------------|-------|----|----|-----------------------------|-------|
| | VAC | Hz | W | | |
| 10 GPM (37.9 L/min) | 120 | 60 | 16 | GH-99280-20 | |
| | 220 | 50 | 16 | GH-99280-25 | |

[GH-99280-51](#) Replacement UV bulb for 99280-20 and -25

Accessories For Thermo Scientific™ Barnstead™ Deionization Systems

Use with E-Pure™ and B-Pure™ systems

Final Filters

Final filters remove particulates down to 0.2 μm to provide bacteria-free water. Constructed of hollow fiber material, filters do not contain any wetting agents or surfactants. Filters are radiation sterilized and individually sealed. Autoclavable.



99256-00

| Compatible systems | Max flow rate | Catalog number | Qty/pk | Price/pk |
|--|---------------|-----------------------------|--------|----------|
| E-Pure, Nanopure II, Nanopure Diamond, and Easypure II | 2.0 L/min | GH-99256-00 | 1 | |
| Quad-style Nanopure | 2.0 L/min | GH-99254-50 | 2 | |
| Easypure II, Nanopure Infinity, replacement filter for Remote Dispenser 99254-02 | 1.8 L/min | GH-99261-60 | 1 | |

Pura®-Lite Resistivity Indicators

Designed for use with B-Pure systems. A low-cost alternative to digital purity meters, these indicators can be mounted directly on top of single- or double-cartridge housings with 1/2" NPT(F) connections. Green light indicates water resistivity is above the threshold; red light warns if resistivity falls below threshold. Operates on 120 VAC power.



01504-37

| Resistivity threshold | Catalog number | Price |
|-----------------------|-----------------------------|-------|
| 50 kΩ | GH-01504-36 | |
| 200 kΩ | GH-01504-37 | |
| 1 MΩ | GH-01504-38 | |

†Indicator light is white; light comes on above threshold level.



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