



Water System, Ultrapure, Millipore Synergy with UV

Product #:

2512600

Contains mercury. Dispose of according to local, state and federal regulations.

ZAR Price:

Contact Hach

Ships within 2 weeks

The Synergy system delivers ultrapure (type 1) water from pretreated water (distilled, deionized or reverse osmosis) to laboratories requiring < 20 liters of ultrapure water per day. The compact design assures easy installation anywhere in your lab, on the bench or wall-mounted. The Synergy system allows delivery of a fixed volume of Type I water and automatically shuts off once the selected volume has been delivered. Available with or without built-in UV lamp. Applications include HPLC isocratic and gradient solution preparation, Sample dilution, Preparation of chemical solutions used with titrators, spectrophotometers and general laboratory use. Purification pack required and sold separately. Choose the Purification Pack right for your laboratory. Dimensions: 15" x 11.4" x 21.3" (LxWxH). 100 -230V, 50/60Hz.

Easy installation, intuitive operation

A small footprint makes it easy to install the water system wherever you want to in your lab

Maintenance offers simple cartridge change once or twice a year

The snap-in-and-out design of the SimpliPak purification cartridge enables easy and rapid replacement

Automatic notification to change your

purification cartridge

Simple, low-level self maintenance

Ultrapure water from a pretreated feed source

If you work with organic-sensitive applications such as HPLC, LC, GC or TOC analyses, the Synergy UV system contains a built-in 185/254 nm UV lamp to reduce TOC to less than 5 ppb. Water with low TOC provides important benefits to HPLC users such as higher sensitivity and longer column lifetime. The same UV lamp also destroys bacteria.

Flow rates adapted to your ultrapure water needs

With high flow rates above 1.5 liters per minute, the systems provide ultrapure water on demand in the volumes required to satisfy critical applications

Specifications

| | |
|----------------------------|--------------------|
| Electrical Specifications: | 100 -230V, 50/60Hz |
| Flow Rate: | >1.5 L/min |
| Length: | 381 mm |
| Quantity: | 1 each |
| Resistivity Measurement: | 18.2 MΩ cm at 25°C |
| Type: | Type I |
| UV for TOC Reduction: | Yes |
| Volume: | Up to 50L/day |

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| What's included?: | System, US power cord and accessories bag containing 3 feet of clear tubing, a hose barb, Millex vent filter and PTFE tape. Add SynergyPak 2 (PN 2512602) or SynergyPak 1 (PN 2512601) and BioPak (PN 2512800)for RNase/Dnase/Pyrogen-free water. |
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Required Accessories

- Pressure Regulator for Synergy Water Systems (Item 2512604)
- BioPak Ultrafiltration Cartridge (Item 2512800)
- Millipak-20 Filter Unit for Millipore Direct-Q 3 and Synergy Systems (Item 2512202)