LAB SYSTEM SPECIFICATION SHEET

ULTRAPURE WATER

ARIES

TYPE I ULTRAURE POU WATER SYSTEM

The Aries High Purity Water System provides up to 4.0 liters per minute* of 18.2 megohm water. A quiet recirculation pump ensures constant water purity. Standard equipment includes a built-in pressure regulator and a 0.2 micron final filter to remove bacteria. Water quality meets or exceeds ASTM Type I water specifications.



Height: 25 in (64 cm)
Width: 23 in (59 cm)
Depth: 8.5 in (22cm)
Weight: 32-38 lbs.

HIGHLIGHTS

- 2.0 / 4.0 lpm flow (with and without final filter) of 18 Megohm Type I Reagent Grade Water
- Easy Cartridge Replacement
- Low Operating Costs
- Large Capacity, Low Cost Consumables Cartridges
- Genuine Resintech Media

INFLUENT QUALITY

- Source of Reverse Osmosis, DI, or Distillation
- Purity of < 20 uS/cm
- Filtration of 0.2 micron
- Free Chlorine of < 0.05 ppm
- Silica of < 2 ppm
- TOC of < 50 ppb

EFFLUENT QUALITY

- Purity of > 18 Megohm- cm
- Microorganism of < 10 CFU / mL
- Chlorides of < 1 ppb
- Sodium of < 1 ppb
- With 0.05 micron UF, < 0.03 EU

	ARS-102	ARS-105	ARS-102-UV	ARS-105-UV
Filtration	0.2 micron capsule filter	0.05 micron capsule filter	0.2 micron capsule filter	0.5 µm capsule ultrafilter
UV Oxidation Lamp			Yes	Yes
Ultrafiltration		Yes		Yes
Total Organic Carbons			5-10 ppb	5-10 ppb
Bacteria Removal	< 10 CFU / mL	< 1 CFU / mL	< 10 CFU / mL	< 1 CFU / mL
Endotoxin Removal		< 0.03 EU / mL		< 0.03 EU / mL

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ORDERING GUIDE

DESCRIPTION	PART NUMBER
Aries System with 0.2 micron capsule filter†	**ARS-102**
Aries System with 0.05 micron capsule ultrafilter†	**ARS-105**

† VP Series filters not included

OPTIONS & ACCESSORIES

DESCRIPTION	PART NUMBER
Dispensing Gun and tubing kit	**ARA-DG**
UV Combination for Bacteria and TOC	**ARA-UV**
Direct Feed	**ARA-DF**
Aries wall mount bracket	**ARA-WB**
Tap Feed Cartridge Kit	**VPK-3805**
RO/DI Feed Cartridge Kit	**VPK-4010**
0.2 micron capsule filter	**PF-00-6402**
0.05 micron hollow fiber UF filter	**PF-00-6505-HN**
220 VAC External Power Converter	**HPA-008**
Sanitization Kit	**HPA-010**
Reverse Osmosis Pretreatment	**HPL-RO**

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