

PART #	PHOENIX GENOME TYPE I WATER SYSTEM
PHX-AD-S-1	Benchtop or wall mount base system, 120V/60Hz
PHX-AD-R-1	Remote Dispense Configuration base system, 120V/60Hz
PHX-AD-S-2	Benchtop or wall mount base system, 220V/50Hz
PHX-AD-R-2	Remote Dispense Configuration base system, 220V/50Hz

PART #	ACCESSORIES
PHA-FM	Flow Totalizer Meter
PHA-DF	Direct Feed Port
PHA-DG	Recirculating Dispensing Gun
PHA-WB	Wall Mount Bracket

PART #	CARTRIDGES & FILTERS
PX-13-5001	Dual Conditioning Cartridge (RO Feed)
PX-13-5002	Dual Conditioning Cartridge (SDI / TAP Feed)
PX-11-5103	Polishing Ultrapure Cartridge
PX-11-5104	Polishing Ultrapure Low Organics Cartridge
PF-00-6402	0.2 Micron Capsule Filter - 1/4" MNPT x 1/4" hose barb
PF-00-7101	0.2 Micron Endotoxin Removal Capsule Filter - 1/4" MNPT x 1/4" hose barb

PART #	OTHER CONSUMABLES
HPA-017	Sanitization Kit (includes cartridges, test strips, and gloves)

**NOTE:** Conditioning cartridge, polishing cartridge and final filters are sold separately.

## SYSTEM SPECIFICATIONS

### Dimensions (H x W x D)

Height:	21.6 in.	(54.8cm)
Weight:	14.7 in.	(37.0cm)
Depth:	14.4 in.	(36.5cm)

### Weight

Dry	42 lbs.	(22.7 kg)
Operating	47 lbs.	(25.0 kg)

### Inlet Connection

O.D. Tubing	3/8"	(9.53 mm)
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### Power Requirements

120 VAC/ 60 Hz @ 1.0 amp

### Pressure

20 PSIG min. — 90 PSIG max.

**Max Temperature** 100°F (30°C)

### Flow Rate (Typical)

2.5 LPM (0.67 GPM)  
<2.0 LPM with Endotoxin filter installed

**ARIES**  
FILTERWORKS  
A RESINTECH COMPANY

CALL **856.626.1550**

OR EMAIL [info@ariesfilterworks.com](mailto:info@ariesfilterworks.com)

Aries FilterWorks is a division of ResinTech, Inc., a global leader ion exchange technology.

All media, cartridges and systems are lot-numbered and manufactured in state-of-the-art facilities the U.S.A under ISO standards.

# PHOENIX ACADEMY

Type I, Ultra-High Purity Water for General Lab Applications



Ultra-High Purity Lab Water for use with:

**General Chemistry**

**Academia**

**Buffer Solutions**

**ARIES**  
FILTERWORKS  
A RESINTECH COMPANY

## THE PHOENIX ACADEMY SYSTEM

Designed for general laboratory applications, the Phoenix Academy delivers **2.5 LPM of Type I, 18.2 Megohm water quality on demand**. The water is purified using a multi-stage purification process. In the two-step deionization stage, source water passes through high-purity ion exchange resins to remove dissolved minerals. A subsequent stage uses a 0.2 micron filter to remove particulates and bacteria before dispensing. The result is water that meets universally recognized Type I specifications.

The Phoenix Academy's intuitive, "touch-screen" display monitors system health and the remaining life of your consumables. Intermittent recirculation ensures that the water inside the unit is continuously moving when not in use, mitigating any chance of bacterial growth. Convenient, programmable presets allow you to dispense frequently used volumes with speed and precision consistently. Applications include general water chemistry, reagent preparation and buffers.

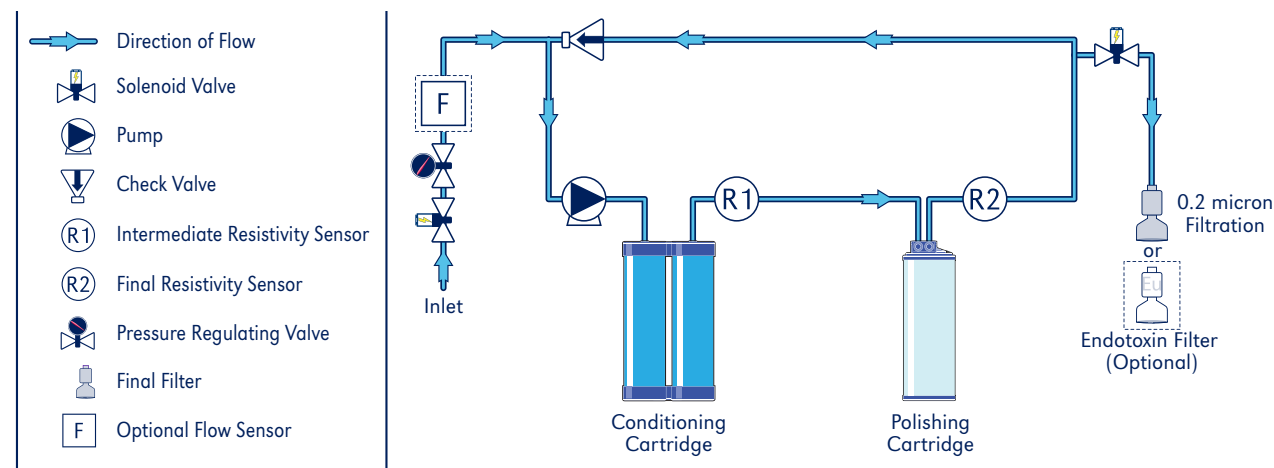


### Performance Specifications

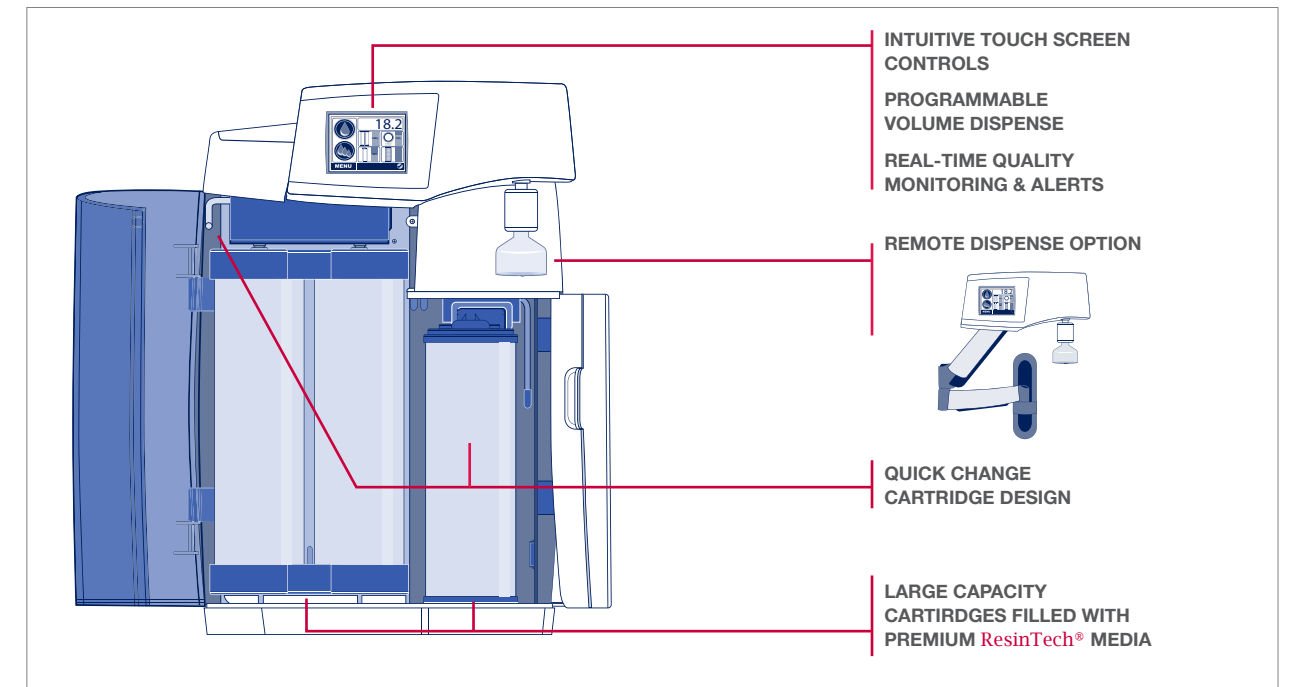
<b>Resistivity</b>	18.2 MΩ-cm
<b>Bacteria</b>	< 1 cfu/ml
<b>Particulates</b>	< 0.2 μm filtration
<b>TOC</b>	< 15 ppb

*Performance based upon RO / DI or Distillation Feed (< 20 uS/cm, < 50 ppb of TOC, 0.2 micron filtration)  
Includes Endotoxin Removal Capsule Filter*

### SYSTEM FLOW



## SYSTEM HIGHLIGHTS



## THE BEST VALUE IN REPLACEMENT CONSUMABLES

