



Solutions to Laboratory Water Purification



The secret is out ...

Our Type I RO+DI systems
produce 2 Liters/minute
of 18.2 megohm-cm Reagent Grade DI water
directly from ordinary tap water!

Look inside for more secrets! >>

MJS
BioLynx 

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The secret of real value in laboratory water purification systems.

Making it easier for you:

Until a few years ago, **AQUA SOLUTIONS** was the best-kept secret in the laboratory universe. Now the word is out among research, medical, environmental, and testing labs throughout the world. And every day we're being discovered by more and more labs who need high performance, low cost reagent grade water purification systems.

We manufacture and sell Type I, Type II and Type III Reagent Grade DI Systems and Reverse Osmosis Pretreatment Systems. We also sell replacement cartridges and accessories for competitor's systems.

Our newest systems include a Type I or Type II/III DI system with built-in Reverse Osmosis pretreatment, in a single cabinet design measuring just 20" wide by 20" tall by 12" deep!

Our systems are easy to install, operate and maintain. A two year warranty is standard in the US, Canada, and most other countries. Whether you're buying your first water purification system or your hundredth, we can make it easier for you.

Why you should buy your next system from AQUA SOLUTIONS:

Let's put our cards on the table. **AQUA SOLUTIONS** is not the largest supplier of laboratory water purification systems. And we haven't been around as long as some of our competitors, even though we're celebrating our 25th anniversary!

But we do have innovative technology that produces high-quality reagent grade water systems at a low price. Plus we can give you the type of pre-and post-sales service that has made us a lot of friends at some very large and well-known laboratories.

And we can give you plenty of references who are willing to back these statements up!

Give us a chance to quote your next system. And discover why the best kept secret in laboratory water purification systems represents your best value.

Buying tips that can help you get the best lab water purification system for your money:

Tip #1: AQUA SOLUTIONS: Don't be fooled by fancy, molded cabinets. Fancy cabinets DO NOT PURIFY WATER - Ion exchange resin does! We offer more on exchange resin and capacity.

Tip #2: Save time and money - go for user friendliness: Make sure the system you buy is easy to install, operate, and maintain. Before buying, check for complex service requirements, like weekly chemical sanitization, that can complicate maintenance and your life, while costing you money and down-time.

Tip #3: Insist on a two-year warranty: Don't settle for a one-year warranty, insist on a two-year warranty, like ours.

Tip #4: Make sure it can run on ordinary tap water without costly pretreatment: Our standard Type I DI systems can run on ordinary tap water containing as much as 250 ppm of total dissolved solids. That's because we give you up to 4,000 grains of ion exchange capacity. Ask our competitors how much they give you! And, our Type I and Type II/III RO+DI systems can run on any quality tap water containing as much as 1,000 ppm of total dissolved solids, since they include built-in RO pretreatment, all in a single cabinet design.

Tip #5: Ask if a remote dispenser is included in the price: Some Type I systems don't even have or include a remote dispenser. And others have one located up so high on the wall you have to purchase a second, or "remote-remote dispenser", to dispense water at bench top level! Our systems include a recirculating Teflon® remote dispenser with 7 or more feet of tubing and a 0.2 micron final filter capsule.

Tip #6: Think Green: We all need to protect the environment! Make sure you can recycle the exhausted DI modules back to the manufacturer, like ours. Some locations in the US consider the disposal of ion exchange resin to be an ENVIRONMENTAL HAZARD. We give you a \$25 discount coupon for each Type I DI module you return.

AQUA SOLUTIONS product line includes:

- Type I Reagent Grade DI systems.
- Type II & Type III Reagent Grade DI systems.
- Combination Reverse Osmosis plus Type I DI systems in a single cabinet design.
- Combination Reverse Osmosis plus Type II/III DI systems in a single cabinet design.
- Reverse Osmosis pretreatment systems.
- Replacement cartridges and accessories for competitor's systems.

Type I Reagent Grade DI Systems:

AQUA SOLUTIONS Type I Reagent Grade DI Systems produce 18 megohm-cm water that meets or exceeds ASTM, CAP, CLSI, and USP specifications for Type I Reagent Grade Water. They offer features, benefits, and higher capacities not found on many other systems, and are competitively priced. Systems are available for operation on ordinary tap water, or water that is pretreated via reverse osmosis, distillation, or deionization.

Type I Reagent Grade DI Systems are available in standard (2-LPM) or high flow/capacity (8-12 LPM) versions.

AQUA SOLUTIONS Type I Reagent Grade laboratory water purification systems are available in Analytical, Ultra-low TOC, Biological and Ultra-Low TOC Biological models, to handle a wide variety of laboratory applications. They are also available with built-in reverse osmosis pretreatment!

Compact, Combination Reverse Osmosis plus Type I DI Systems in a Single Cabinet:

AQUA SOLUTIONS Combination RO+DI Systems include a built-in 10 or 20 Liter/hour RO pretreatment system PLUS an analytical, biological, or ultra-low TOC analytical or biological grade Type I DI system, all in a single cabinet design that measures just 20" wide by 20" high by 12" deep! Larger versions are available with 1-2 Gallon/minute RO systems.

CSA and CE Certifications

Standard-sized Type I DI and RO+DI systems, Type II/III RO+DI systems, and RO systems are certified by CSA for the United States and Canada, and are CE marked when exported.



Type II/III Reagent Grade DI Systems:

AQUA SOLUTIONS Type II and Type III Reagent Grade DI Systems are available in many configurations to handle a wide variety of laboratory point-of-use and glassware washer applications. They produce DI water that exceeds ASTM, CAP and CLSI Type II and Type III DI specifications.

Type II and Type III Reagent Grade DI Systems with Built-in RO Pretreatment:

AQUA SOLUTIONS Type II and Type III Combination RO+DI Systems include a built-in 10 or 20 Liter/hour RO pretreatment system. They can handle a wide variety of laboratory and other applications, and produce DI water that exceeds ASTM, CAP and CLSI Type II and Type III specifications. Larger versions are available with 1-2 Gallon/minute RO systems.

Reverse Osmosis Pretreatment Systems:

AQUA SOLUTIONS Reverse Osmosis (RO) Pretreatment Systems remove up to 99% of the impurities in tap water, thereby reducing the operating costs of a DI system by more than 90%. Small RO systems are available in 10 to 60 Liter/hour versions, along with larger systems rated at 1 to 2 GPM. All RO systems feature fully automatic operation.

Replacement Cartridges and Accessories for Competitor's Systems:

The **AQUA SOLUTIONS** product line includes competitively priced replacement cartridges for Barnstead, Millipore, and other water purification systems. In addition to the standard configurations, we offer high-capacity cartridge kits with up to 100% more ion exchange capacity than standard kits!

Other items include Remote Dispensing Guns and Faucets, Purity Monitors and Ultraviolet Sterilizers & Oxidizers, which can be retrofitted on to competitive systems.

Our history: Coming up the hard way

AQUA SOLUTIONS was founded and incorporated as Solution Consultants, Inc., back in 1985.

In those early days we were not manufacturers. We were just integrators, who bundled together whatever brands of filtration and water purification equipment it took to best solve a customer's problem.

But, before we could solve some of those customer's problems, we had to solve the problems we were having with the water purification equipment we were trying to sell.

Granted we were pretty demanding, but it didn't take us very long to realize that most of the water purification systems we were buying for resale didn't work very well.

A lot of those old systems had noisy recirculation pumps that overheated, or the systems just wouldn't produce 18.2 megohm-cm water. And they were difficult to set up, operate, maintain and service.

Plus, they were expensive, especially when you added in extra items like mounting brackets, pressure regulators/gauges, remote dispensers and prefilters. And aesthetics & reliability - or lack of them - were major obstacles too.

In order to meet our high standards, we found ourselves spending so much time fixing, servicing and re-engineering the systems that we were buying for resale, that we might as well be building our own.

So that's what we did - way back in 1987!

As for longevity, the first two systems we ever manufactured and sold lasted more than 10-years in a commercial testing lab in Atlanta!

Our uniqueness in this industry:

To our knowledge, AQUA SOLUTIONS is the ONLY US company that is EXCLUSIVELY dedicated to manufacturing and selling laboratory water purification equipment.

AQUA SOLUTIONS Systems are individually hand-crafted by experienced technicians, and wet-tested under laboratory conditions prior to shipment.

Real, live people answer our phones and almost always connect you to a Water Wizard™ who can help you solve your water purification problems.

After all, our name, AQUA SOLUTIONS, speaks for itself.

Type I Systems



FEATURES and BENEFITS

- Produces 18.2 Megohm-cm Type I Reagent Grade water
- Available in analytical, biological & ultra-low TOC models
- RO+DI costs less than individual RO & DI systems
- 2-Year warranty (US and most other countries)
- Exceeds ASTM, CAP, CLSI & USP Specs
- Accepts 100-240 VAC, 50/60 Hz input power
- System runs on 12 VDC internal power
- CE marked when exported to the EU, etc.
- Certified by CSA for the US & Canada
- Can be bench, shelf or wall-mounted
- Remote dispenser included in price
- Meets current USP specifications
- User installable and serviceable
- 0.22 micron final filter capsule
- DI modules can be recycled
- Complete instrumentation
- Fully automatic operation
- Continuous recirculation
- Made in the USA

Our Mission Statement:

"AQUA SOLUTIONS is dedicated to providing its customers with laboratory water purification systems that conveniently, economically, and reliably deliver the highest purity reagent grade water for laboratory applications, on a worldwide basis."

AQUA SOLUTIONS, INC.

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