



SYSTEM SOLUTIONS

When it comes to water, one size does not fit all! At *Process Solutions*, we recognize that every customer is unique and so are their water purification needs. We specialize in purified water and process fluid purification for a variety of industries. Our Sales Engineers listen and understand your needs, then develop a customized **total solution** specifically for your application. We supply high-quality systems, support products, services, and on-line instrumentation for such industries as:

- * Power generation
- * Cosmetic manufacturing
- * Electronics manufacturing
- * Specialty chemical production
- * Municipal drinking water
- * Pharmaceutical manufacturing
- * Semiconductor manufacturing
- * Food & beverage processing
- * High technology research & development

At *Process Solutions, Inc.*, our goal is to provide you with personalized service and high quality products, in a timely manner.....all at a competitive price!



SERVICE SOLUTIONS

Let us design a system to meet your needs!

From simple sand filtration to multimedia filtration, to specialty media or membrane technologies, *Process Solutions, Inc.* specializes in packaged and custom-engineered systems for all of your pretreatment applications.

Water softening: Available in single, dual or custom configurations.

Deionization (DI): This conventional technology is available in two-bed, mixed bed, countercurrent regenerated and packed bed technologies.

Reverse Osmosis (RO): These systems reduce or eliminate the chemical handling requirements posed by ion exchange technology and have become the “workhorse” of demineralization systems in recent years. From laboratory systems to large-flow production systems, let us show you how membrane technology fits into your process and production needs.

Electrodeionization (EDI): This technology includes conventional “stack” technology and the new spiral-wound modules. These systems are the state-of-the-art approach to high purity water production, eliminating hazardous chemical handling issues and producing consistent ultrapure water quality.

Ultraviolet (UV): Systems for water and process fluids, as well as tank air disinfection units.



YOU - OUR CUSTOMER!

By working with companies that have a wealth of specialized experience, we offer a full range of services to help maintain or improve the performance of your reverse osmosis or other water purification system. These include:

On-site and off-site technical support: Startup services, retrofits, system upgrades, troubleshooting, turnkey installations, operator training, preventive maintenance and service contracts.

Analytical services: Supporting on-line process analyzers, we offer routine inspection and repairs, software upgrades, instrument calibration and on-site operator training.

If you're short-handed, routine maintenance agreements may be an option for you.



ANALYTICAL SOLUTIONS

As your full-service supplier, we also offer on-line and portable analyzers for monitoring water quality parameters. We keep the associated reagents in stock, ready for immediate shipment. Take advantage of our blanket purchase agreements to manage your reagent inventory so that fresh reagents are on hand when needed, but not tying up your company's money in inventory!

Process Solutions, Inc. offers a wide range of support products and services to maintain or improve the performance of your system:

Specialty chemicals: Formulated specifically for membrane systems.

Consumables: Ion exchange resins, RO and UF membranes, filtration media, activated carbon, laboratory ion exchange cartridges.

Resin Services: Resin analyses, regeneration services, and specialty resin processing.

Replacement parts and upgrades: For all types of water purification systems.

Computerized analyses: To ensure trouble-free operation and optimum performance.



SUPPORT PRODUCT SOLUTIONS

**Your full-service supplier of water treatment systems, products and services!
High quality products, great service and all at competitive prices!**

Water Treatment Systems:

Demineralizer systems
Reverse osmosis systems
Electrodeionization systems
Filtration systems
Water softener systems
Distillation systems
Pure steam generators
Ultraviolet disinfection systems
Packaged chemical feed systems
Ozone disinfection systems
Lab water systems

Support products:

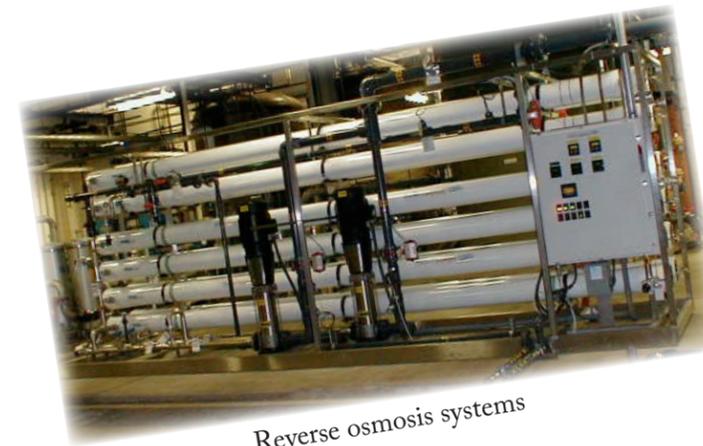
Filter media
Ion exchange resins
Reagents for on-line analyzers
Membranes – RO, UF, NF, MF
Laboratory cartridges
UV lamps & sleeves
Reverse osmosis antiscalants
RO membrane cleaners
RO system biocides
Cartridge & bag filters
Replacement parts
Membrane-compatible coagulants

Services:

Analytical services
On-site field service: startup, troubleshooting
Turnkey installations
Technical support
Membrane cleaning services
Resin & media replacements
Exchange service demineralizers
Membrane autopsies

On-line process analyzers:

Sodium
Silica
Total Organic Carbon
Hardness
Turbidity
Process particle counters
Phosphate
Ammonia
Hydrazine
Iron, Manganese
Fluoride
Chlorine
Conductivity
pH, ORP
Dissolved oxygen
Acid & caustic concentration



Reverse osmosis systems



Media Filtration Systems



RO/Electrodeionization Systems



Membrane Filtration Systems

If you have process questions.....

if you have process challenges.....

if your process needs improvement.....

We have your..

Process Solutions

Water and Process Fluid Purification

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