

Service Deionization (SDI)

Portable Ultra-Pure Water Management

Description & Use

GE Water & Process Technologies Service Deionization (SDI) offering is an ideal solution for high-purity water needs in any industry requiring up to 18.2 Megohm.

Our clients trust us to handle the responsibility of maintaining and servicing thousands of their critical DI water systems. This is due to our history of experienced personnel, world-class facilities, superior resin quality and our leadership in producing the finest ultrapure water systems around the world.

Product/Services Offered

GE's SDI equipment is engineered to withstand the most demanding environments to ensure continuous operation. Our units are designed to be completely rust and corrosion free, impact and abrasion resistant, and are modular to meet any capacity requirements. Common DI tank sizes include:

Size Ft ³ (m ³)	Capacity Grains as CaCO ₃	Flow Rate gpm (m ³ /h)
42 (1.2)	315,000	50 to 250 (0.2 to 1.0)
3.6 (0.1)	27,000	2 to 15 (0.01 to 0.06)
1.6 (0.05)	12,000	0.5 to 4 (0.002 to 0.02)
1.0 (0.03)	7,500	0.5 to 3 (0.002 to 0.01)
0.5 (0.01)	3,750	0.25 to 3 (0.001 to 0.01)

To meet your complete pure-water needs and increase your peace of mind, GE offers a full range of outsourced services including:

- Maintenance and service contracts, supported by 24/7 operations
- Design, project management, installation, and repair of Reverse Osmosis (RO) and Ultraviolet (UV) systems and components



- RO Membrane Cleaning and Water System Sanitizations
- Media replacement and rebeds (carbon, anion, cation, mixed bed)
- Instrument repair and calibration
- Pure water filters, cartridges and chemicals

Customer Benefits

Additional benefits to GE SDI clients also include:

- Maximum production uptime and product quality via guaranteed performance contracts and 24/7 field and technical support
- Protecting your employees by eliminating hazardous chemical usage or storage
- Increased financial flexibility with zero required capital costs, flexible rental arrangements, and reduced site labor costs

Contact us to learn more about SDI by contacting your local GE rep or through the information below.



Find a contact near you by
visiting gewater.com or
e-mailing custhelp@ge.com.

Global Headquarters
Trevose, PA
+1-215-355-3300

Americas
Watertown, MA
+1-617-926-2500

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