

## A Wide World of Solutions for a Purer World of Water

A complete range of products and services enables Ion Exchange LLC to provide total, integrated solutions for the water and waste water needs of municipalities and all types of industries.

	<b>Activated Carbon</b> Wide range of premium grade, low leachability products for effective reduction of oil, organics and chlorine, decolourising and deodourising	<b>Antiscalants &amp; Cleaning Chemicals</b> To eliminate scaling and fouling of reverse osmosis membranes	
	<b>Applied Ion Exchange</b> Purification of sugar syrups, glucose, dextrose, sorbitol, formaldehyde solution, recovery of Vitamin C and tartaric acid, recovery of precious metals	<b>Arsenic Removal Systems</b> For potable water	
	<b>Boiler Water Chemicals</b> Corrosion Inhibitors, Sludge Conditioners	<b>Cooling Water Chemicals</b> Biocides, Antiscalants, Descalants, Corrosion Inhibitors	
	<b>Condensate Polishers</b> Deep Bed	<b>Chemical Dosers</b> Metering Pumps, Differential Pressure Operated Systems	
	<b>Clarifiers</b> Inclined Plate, High/Ultra High Rate Solids Contact	<b>Desalination Systems</b> For Brackish, Sea Water and Waste Water	
	<b>Deionisers</b> Downflow, Upflow, Counterflow, Splitflow, Layered Bed and Mixed Bed	<b>Dealkalisers</b> Weak Acid Cation and Split Stream	
	<b>Degassers</b> Atmospheric, Vacuum	<b>Deaerators</b> Spray, Spray-cum-Tray, Vacuum	
	<b>Defoamers</b> For cooling water and boilers	<b>Dip Slides</b> For bacterial count in cooling water, food, beverages and pharmaceuticals	
	<b>Electrodeionisation Systems</b> For high purity water	<b>Filters</b> Pressure Sand, Multigrade, Multimedia, Upflow, Activated Carbon and Continuous Sand	
	<b>Fireside Chemicals &amp; Fuel Oil Additives</b> For improving the combustion efficiency of boilers	<b>Fluoride Removal Systems</b> For potable water	
	<b>Iron Removal Systems</b> For industrial and potable water	<b>Ion Exchange Resins</b> A wide range of cationic and anionic gel, isoporous, macroporous exchangers, catalyst and pharmaceutical grade, adsorbent, chelating resins	
	<b>Membranes</b> Microfiltration, Ultrafiltration, Nanofiltration and Reverse Osmosis, for fluid purification and recovery separation	<b>Membrane Separation Systems</b> Microfiltration, Ultrafiltration, Nanofiltration and Reverse Osmosis, Membrane Based Reactor	
	<b>Nitrate Removal Systems</b> For potable water	<b>Oxidising Agents</b> Electrochlorinators for on-site generation of chlorine from brine and ozonators for treatment of drinking water, swimming pools, cooling water and waste water	
	<b>Oil Removal Systems</b> Ultrafiltration, Coalescers, Drum Skimmers, Polymers, Activated Carbon	<b>Paper Process Chemicals</b> Dry Strength Additives, Retention & Drainage Aids, Defoamers, De-inking Chemicals, Dispersants, Slimicides	
	<b>Polyelectrolytes</b> Flocculants for water and waste water treatment, mineral processing, paper, sugar and other industries	<b>Softeners</b> Cold Lime and Ion Exchange	
	<b>Sewage Treatment Systems</b> Using physico-chemical, biological and membrane separation processes	<b>Solvent Recovery Systems</b> Based on Activated Carbon	
	<b>Sugar Process Chemicals</b> Sanitation Chemicals, Pol Reducers, Flocculants, Polymeric Scale Inhibitors, Viscosity Reducers, Ion Exchangers and Adsorbents / Activated Carbon, Boiler Treatment Chemicals, Bagasse/Fuel Additives	<b>Surfactants</b> For cooling water and evaporators	
	<b>Test Kits</b> For analysis of water and waste water	<b>Water Quality Monitoring Instruments</b> pH/ORP, Conductivity, Dissolved Oxygen, Turbidity, Ammonia	
	<b>Waste Water Treatment &amp; Water Recycle Systems</b> Using physico-chemical, biological and membrane separation processes.		

### Total Service Support

- Total Water Management Consultancy
- R&D, Feasibility & Pilot Plant Studies
- Operator Training
- O&M
- Service Contracts
- Project Management
- Erection & Commissioning
- Upgradation & Automation
- BOQ/T Projects
- Supply of Fabricated Components, Spares & Consumables