



# Chemical dosing pumps, system and control

Water treatment, waste water treatment and various other chemical processes often requires addition of a precise volume of various general or specialty chemicals to ensure system meet specific operational parameter for effecting process control. This accurate chemical addition is usually carried out using specifically designed chemical dosing pump. It is always important to select a correct chemical dosing pump for each specific application.

Water 2000 offer complete chemical dosing systems including dosing pumps, chemical storage tanks, mixers, pipes, hoses, valves, controllers, transmitters, calibration columns, control panels, instruments...etc. These units inject precise amounts of specific chemicals into a system at required pressures and flow rates. Each package is assembled within a frame and skid base to ensure a small footprint on-site, complete with a microprocessor based electrical control system (If required).

We represent world-leading equipment brands. Our systems are designed and built to meet client specification, ensuring you get the right product for your application and fully comply with the world's strictest validation standard. Our chemical dosing products are safe and effective to use and require minimal operation upon installation. The units can dose a range of chemicals depending on the application.

You can trust on Water 2000 as your one-stop online supplier of high quality chemical dosing systems, pumps and associated equipment in Pakistan. Furthermore, we also offer other wide range of chemical handling and dosing systems for dosing coagulants like lime, ferrous sulfate, PAC, alum, NaOH, HCl, H<sub>2</sub>SO<sub>4</sub>, polymer, fluoride, chlorine, etc.,



## Chemical Dosing System

Some of chemical dosing systems are used for feeding:

- Coagulants like Lime. Ferrous Sulfate, PAC, Alum
- Flocculent
- pH correction chemicals
- Disinfectants as chlorine gas, sodium hypochlorite, ozone
- Bottled water mineral balancing
- Boiler water chemicals
- Cooling water Inhibitors
- Biocides/ Algaecides
- Closed loop chemicals
- Antiscalent and dispersants
- Cleaning & sanitisers
- Oxygen scavengers
- Neutralizing agents
- Oxidants
- Antifoams



Types of pumps: Peristaltic pump, Solenoid pump, Motor driven pump, Piston pump, Diaphragm pumps, Hydraulic diaphragm pumps, Positive displacement pumps

Other accessories: Controllers and transmitters for pressure, temperature, pH, ORP, TDS, conductivity, dissolved oxygen (DO), chlorine, free chlorine analysers, mixers, sensors, filters, relief valves, flow meter, level controller, pressure gauges, switches, temperature controller and other specialty measurement equipment, back pressure valves and more dosing accessories

**GRUNDFOS**

**INJECTA**  
the perfect dosing

**Blue-White**  
Industries, Ltd.

**PUMTEC**  
WHERE INNOVATION FLOWS

**PULSAFEEDER**  
Electronic Metering Pump

**ProMinent**

**ETATRON D.S.**

**LOWARA**  
a xylem brand

**SEKO**



## Applications

- |                                     |                              |                                   |
|-------------------------------------|------------------------------|-----------------------------------|
| • Reverse osmosis systems           | Bottled water plants         | Food, beverage & dairy industries |
| • Pharmaceutical and semiconductor  | UPW & process water          | Drinking water supplies           |
| • Boiler water treatment            | Recirculated water treatment | Cooling water treatment           |
| • Surface water treatment           | Municipal water treatment    | Chemical processes                |
| • Swimming pool & spas              | Process water loops          | Industrial & municipal wastewater |
| • Water reclaim / reuse / recycling |                              |                                   |



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