




J.tech water

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major business	On Site sodium hypochlorite generator, On-line sodium hypochlorite concentration analyzer		

J.TECH WATER Co.,Ltd is creative research and development company in water treatment disinfection field. Leading company of on-site Sodium Hypochlorite Generator(Green Smart™) and plasma water treatment products. Doing our best for customer satisfaction for services.

Products

 Green smart™	Use	Sodium hypochlorite generator
	Description	A safe eco-friendly sterilizer and disinfectant generating device that is installed at a site requiring chlorine disinfection and produces sodium hypochlorite solution by electrolysis of brine Designated as excellent product for all products(Public Procurement Service, NO.2022059)
 OSA-500S	Use	On-line sodium hypochlorite concentration analyzer
	Description	Spectral optical method(Measuring range: 4,000~150,000ppm) Real-time NaOCl(FAC,Free Available Chlorine) concentration change measurement Remote transmission of concentration change values(ICT convergence) Real-time and cumulative DATA Management for maintenance
 OSG 100	Use	ICT converged portable water supply disinfectant
	Description	Constant residual chlorine management by applying a flow rate proportional injection method Convenient control and real-time remote monitoring Integration and miniaturization of various necessary equipment

Technical Capacity

» Advantages of Green Smart™ technology

Scale-free technology of the electrodes(Eco-friendly technology). Periodic hydrochloric acid cleaning of the electrode is unnecessary as it suppresses and removes scale adsorption on the electrode due to the circulation of electrolyzed water

» ICT convergence technology

It produces high-purity sodium hypochlorite by real-time measuring and analyzing the temperature and concentration of sodium hypochlorite. And providing convenience for maintenance through remote monitoring

» Produces high-quality NaOCl

The generation of chlorate(ClO_3^-) a harmful by-product caused by high temperature, is controlled by adjusting the temperature of the electrolyzer

» Improving the durability of the device

Scale-free technology of the electrodes extend the life of the electrode. Reduces the pressure of the piping through separated discharge of a hydrogen gas. As a result there is no vibration and noise, so the durability of the device is greatly improved