

# J.tech water

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<b>major business</b>	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



**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)



**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



**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<sub>3</sub><sup>-</sup>) 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