

WE OFFER

- Standard Chemical Feed Systems
- Controls / Controllers
- Metering Pumps
- Custom Engineered Systems
- On-Site Oxidant Generation
- Polymer Feed Systems
- Chemical Storage & Accessories
- Booster Skids
- Performance Monitoring Tools
- Transfer Pumps
- Level Monitoring
- Web Based Remote Monitoring
- Instrumentation
- Flow Measurement
- Innovative Accessories

SPECIALIZED SERVICES

- System Installations
- Start Up & Commissioning
- Contract Maintenance
- Emergency Repairs
- Plant Audits / System Surveys
- Pump/ Accessory Repairs
- Equipment Pool Management
- Equipment Rentals
- Controller Maintenance & Repair

MARKETS SERVED

- Industrial
- Municipal
- Commercial
- Recreational

1364 Hamilton Parkway

Itasca, Illinois 60143

Toll Free 888-200-1800

Phone: 630-351-9070

Fax: 630-351-9080

www.equip-solutions.com

MIOX ON-SITE OXIDANT GENERATION



RIO Series RIO™ Mid-sized On-Site Generator Series

- ◆ Improves Safety
- ◆ Eliminates Regulatory Requirements
- ◆ Eliminates Risk Management Plans
- ◆ Reduces Carbon Emissions
- ◆ Eliminates Waste Disposal
- ◆ Improves Energy Efficiency
- ◆ Eliminates Transportation Costs
- ◆ Eliminates Secondary Disinfection
- ◆ Eliminates Hazardous Chemicals
- ◆ Reduces Corrosion Rates
- ◆ Eliminates Oxidant Degradation
- ◆ Improves Bio Control Results

MIOX is focused on solving one of the world's most pressing issues: the need for affordable, safe, and healthy water.

MIOX's patented on-site water disinfection technology safely and economically generates either hypochlorite or advanced mixed oxidant using just salt, water and power, replacing the need to purchase, transport and store dangerous chemicals.

MIOX is safely used in over 30 countries for public drinking water systems, water reuse projects, and non-municipal applications including the food and beverage, power, and aquatics and leisure industries.

With more than 1,500 installations in hundreds of U.S. communities and over 30 countries, MIOX is committed to providing customers with the safest water in the world.

Our award-winning on-site generation technology is safely disinfecting more than 6.5 billion gallons of water per day, serving millions of people worldwide.

Using a patented, innovative technology, water disinfectant - either hypochlorite or an advanced mixed oxidant solution - is safely and cost-effectively generated on site, on demand, using just salt, water and power, replacing the need to purchase, transport and store dangerous chemicals.

On-site generation cuts back transportation requirements by up to 80%, reduces carbon emissions and fuel consumption, and eliminates the storage and disposal of chemical containers. With demonstrable cost effectiveness and an environmentally friendly process, MIOX is the safest investment you can make for your water treatment needs.

"The Safest Water in the World"



MIOX ON-SITE OXIDANT GENERATION PRODUCT GUIDE

MIOX is focused on solving one of the world's most pressing issues: the need for affordable, safe, and healthy water. MIOX's patented on-site water disinfection technology safely and economically generates either hypochlorite or advanced mixed oxidant using just salt, water and power, replacing the need to purchase, transport and store dangerous chemicals. MIOX is safely used in over 30 countries for public drinking water systems, water reuse projects, and non-municipal applications including the food and beverage, power, and aquatics and leisure industries.

Micro Series



MSR Purifier Pen
0.5, 1, 2, & 4 liter Mixed Oxidant
Innovative, award-winning, handheld weighs less than 4 oz. Passes EPA standard for water purifiers, providing a chlorine residual using common salt and camera batteries.



BPS™ Brine Pump System
0.5PPD - Mixed Oxidant
Self-contained, non-automated disinfection system is lightweight and portable, ideal for emergency response needs and developing nations. Fresh disinfectant in seconds. Connects to 12V DC battery or solar power, with terminal plug for 110 VAC or 220 VAC.

Small Series



oX-Cell™
15 PPD - Mixed Oxidant
oX-Cell™ electrolytic cell upgrade for existing MIOX on-site generating systems. New cell design offers improved chlorine production, lower salt and energy consumption, an enhanced control scheme, reduced operating costs, and easy installation.



AE-4
4 PPD - Mixed Oxidant
Simplified automatic unit for permanent installations. Ideal for small rural and remote communities. Simply connect to water and a power source, and load salt into the brine generator. Available wall- or skid-mounted.



HYPO - Hypochlorite 10-20 PPD
S-Series - Mixed Oxidant 4-15 PPD
For small water supplies or well sites. Remote display and alarm available. Variable speed brine pump requires no calibration. Small cell size requires minimal acid to clean the cell in the event of calcium carbonate build-up. Available wall- or skid-mounted.



The VAULT™
Hypochlorite: 25-100 PPD
Cost-effective system with self-adjusting flow control, touch screen display, air-cooled power supply and a corrosion-resistant cabinet. Easy expandability, wall- or skid-mounted. Multiple VAULTs can be used simultaneously in parallel for unlimited capacity.

Self-Cleaning Series



The Self-Cleaning VAULT™
Hypochlorite: 25-100 PPD
Mixed Oxidant: 15-60 PPD

Designed for high efficiency, low lifecycle cost, durability and reliability, the self-cleaning VAULT™ with self-adjusting flow controls is virtually maintenance free.

Featuring touch screen display, air-cooled

power supply and a corrosion-resistant cabinet, the VAULT is built for cost-effective, problem-free operation. Modular cell packs allow for easy expandability. Available wall- or skid-mounted. Multiple VAULTs can be used simultaneously in parallel for unlimited capacity.

Mid-Sized Series



The RIO™
Hypochlorite: 100-500 PPD
Mixed Oxidant: 60-300 PPD

The modular design of MIOX's RIO™ on-site generator allows for easy interchange between sodium hypochlorite and mixed oxidant generation with the added flexibility of up to 5x expanded production

capacity without increasing the system footprint. The highly efficient cell design is enclosed in a corrosion-resistant cabinet. Allen Bradley MicroLogix 1200 controls. Variable speed brine pumps require no calibration and small cell volume requires minimal acid. Multiple RIOs can be used simultaneously in parallel for unlimited capacity.

Large Series



The RIO Grande™
Hypochlorite: > 1,550 PPD
Mixed Oxidant: > 1,000 PPD

The RIO Grande™ on-site generator offers large capacity treatment of water, wastewater, and industrial treatment applications for flows of 50 MGD and higher. Superior cell design offers improved salt

and power efficiencies, reduced maintenance, and maximum flexibility. System features "wash-in-place" cell system that minimizes cell maintenance. Features fully enclosed cabinet and Allen Bradley MicroLogix 1200 controls.