



- Generate disinfection chemicals on-site, on-demand
- Achieve higher efficacy with MIOX technology
- Environmentally friendly at lower cost



TECHNOLOGY LEADER

MIOX has invested more than 18 years in research and development to provide the most cutting edge on-site generation technologies and chemistries. MIOX continues to set high standards by bringing customers innovative products and customized chemistries.

CUSTOMIZED CHEMISTRIES

HYP0	HYPOCHLORITE
M05	HYP0 + PEROXIDE
IA0	ADVANCED OXIDATION
EQUAT	ELECTROLYZED QUAT

LOWEST COST HIGH PERFORMANCE

We are the lowest cost chemistry. Period.

- LOWEST COST VS. BULK CHEMICAL
- IMPROVE EFFICIENCY
- REDUCE OPERATING COSTS
- SAVE MONEY

ENVIRONMENTALLY FRIENDLY

80% 
REDUCTION IN CARBON FOOTPRINT

On-site generation reduces chemical transportation to your facility which saves you money while you do your part to save the planet.

WATER DISINFECTION

MIOX chemistries show faster or greater log kill at equal doses on all classes of microorganisms. Including bacteria, viruses and protozoan oocysts.

BIOFILM REMOVAL

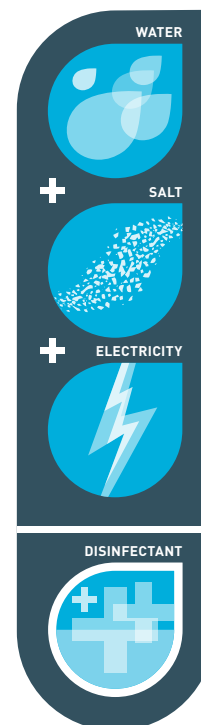
MIOX Mixed Oxidant Solution (MOS) controls biofilm growth and destroy the polysaccharide substrate. The result is fewer DBPs, reduced MIC, less bacterial contamination, reduced disinfection dosage requirements, and higher residuals to prevent recontamination.

NO HAZARDOUS BYPRODUCTS

MIOX chemistries reduce and remove hazardous byproducts and contaminants from water. Superior organic material control will eliminate or reduce formations of TTHMs and HAA5.

ON-DEMAND CHEMISTRY

Produce the disinfectant you need, when and where you need it, with only salt, water and electricity. Designed to consistently handle peak demand for daily operations.



ELECTROLYSIS PROCESS

The electrolytic cell of a MIOX on-site generator uses common salt combined with water and electricity to generate high performance disinfection chemistries, eliminating the need to transport and store hazardous chemicals.



MIOX PRODUCT GUIDE

Our line of on-site generators are available in specific chemistries and can be scaled to meet any challenge.

HYP0

MOS

eAOP

eQUAT

Revolutionary cell designs offer unique performance and disinfection benefits that improve processes and save money. MIOX on-site chemical generators can be scaled to any application utilizing 1.0 – 3,000+ pounds per day disinfectant or FAC (free available chlorine).



	RIO ZUNI	AE SERIES	VAULT	RIO	RIO GRANDE	RIO GILA
SURFACE DISINFECTION	40 BEDS		500 BEDS			
POTABLE WATER	200 PEOPLE					10 MILLION PEOPLE
POOLS & SPAS	10,000 GALLONS			1 MILLION GALLONS		
DAIRY FARMS	100 MILK COWS			5,000 MILK COWS		
WASTE WATER	1,000 MGD					100 MILLION MGD
OIL & GAS WATER	5 BARRELS / DAY					500,000+ BARRELS / DAY
COOLING TOWERS	50 TONS				600,000+ GPM RECIRCULATION RATE	
	1 LB/DAY	FROM 1 → 3,000+ LBS/DAY PER GENERATOR				3,000+ LBS/DAY

SAFE CHEMISTRY

SODIUM
HYPOCHLORITE



CHLORINE
DIOXIDE

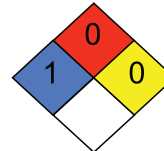


OZONE



MIXED OXIDANT (0.4% CHLORINE)
SODIUM HYPOCHLORITE (0.8% CHLORINE)

NFPA RATING
HEALTH = 1
FLAMMABILITY = 0
INSTABILITY = 0
SPECIAL HAZARD = NONE



Utilizing food grade salt, custom salt or waste brine stream, and electricity, MIOX on-site chemical generators create advanced disinfectant at the point of use; eliminating the delivery, storage and handling of hazardous chemicals. And, there is no need for Hazmat and reporting as MIOX chemistry concentrations provide a safe working environment.

CUSTOM TECHNOLOGY DEVELOPMENT

MIOX invests deeply in technology and intellectual property, and regularly partners with new industries to develop solutions for their needs. Increased performance, safety, and a fast return on investment for our customers remain a principal focus. With twenty years of experience in the water disinfection market and thousands of MIOX installations in over 40 countries, MIOX chemistries are cleaning over 7 billion gallons of water per day.

Schlumberger

TOKYO ELECTRON

Coca-Cola

ECOLAB

HYATT

MIOX