Water Quality Solutions

- Potable Tank Mixing
- Lake & Pond Circulation
- Residual Management
- THM & VOC Removal
- Wastewater Mixing
- Wet Well Mixing

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Potable Water Tank Mixers

Tanks need mixing. Mixing is the one of the easiest strategies to improve the water quality in your tanks. No more need for energy-intensive deep cycling or flushing and the benefits are immediate!

- Prevents stagnation, thermal stratification & short-circuiting.
- Provides uniform water age & equal distribution of disinfectant residual.
- Increases contact time (baffle factor) in clearwells.
- Reduces nitrification in chloraminated systems.
- Reduces ice buildup & tank damage in cold climates.

Performance guaranteed for any size tank or clearwell!

Ixom Watercare’s potable water products are certified to:
- NSF/ANSI Standard 61
- NSF/ANSI Standard 372

Go to www.medoraco.com/nsf for more detailed information.

GS-12 an in 8 million gallon reservoir.

Floating Potable Tank Mixers

GS Series Submersible Tank Mixers

Solar or electric powered!

ThM & VOC Removal Systems

GridBee® SN Series Spray Aeration Systems are an industry-leading solution with proven results and guaranteed performance! The SN Series can be designed to meet the needs of any size reservoir or water system.

Both in-tank and skid systems are available.

SN Series Floating Spray Aeration

SN Series Skid Spray Aeration

For access to videos and information about Ixom solutions & equipment, visit us at www.medoraco.com
Ixom Watercare’s ResidualHQ© Automated Disinfectant Control is a continuous residual monitoring & disinfectant delivery platform for both chlorine or chloramine systems. It combines proven strategies with forward thinking solutions to maximize performance, minimize moving parts, and simplify overall operation & maintenance.

- No chemical transfer pumps.
- No chemical metering pumps.

You can now fully control your disinfectant residuals confidently anywhere in your system …*in the pipe or in the tank*…

with intelligent, data driven decisions for better water quality.

## Automated Disinfectant Control Systems

SolarBee® Epilimnetic Circulation: Mitigate harmful cyanobacteria (blue-green algae) blooms, reduce taste and odor problems in drinking water and improve dissolved oxygen & pH levels. Lake circulation has also been shown to help reduce invasive aquatic weed and filamentous algae growth.

SolarBee® Hypolimnetic Circulation: Improve dissolved oxygen levels deep, prevent the accumulation of Mn, Fe, H₂S, methyl-Hg and help prevent fish kills.

AerationPlus© Air-Powered Circulation: Designed especially for small lakes, ponds and small areas on larger reservoirs. It is a perfect circulation solution for:

- Docks & marinas
- Swimming areas
- Stormwater retention basins
- Private lakes & ponds
- Park & golf course ponds.

The AerationPlus© is completely submerged for those places where aesthetics are important. There are no moving parts or electricity in the water so it is safe to operate in high-use areas.

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Wastewater Mixing Solutions

Ixom Watercare offers a complete range of electric, solar, and air-powered mixing equipment to fit virtually every wastewater basin or pond regardless of the application. The flexibility to tailor the equipment specifically to your needs greatly reduces the number of machines required and the project initial cost.

**Energy-Savings** can pay for the mixing project! The horsepower requirement for mixing tends to be significantly larger than what is needed for aeration. Wastewater mixers from Ixom Watercare can provide all the needed mixing resulting in substantial energy savings. *The project payback may be as little as in 1-3 years!*

**Enhanced Mixing** can benefit all wastewater systems and help maintain compliance. It can help improve BOD & TSS by reducing short-circuiting and increasing detention time. The J-hook intake option makes great mixing possible in ponds with high level fluctuation.

**Odor Control** with specialized mixing in equalization basins, anaerobic ponds and de-gassing deep, industrial high-waste ponds.

**Increased Solids Suspension** and better processing can be reliably achieved in total mix applications, aerobic, and anaerobic basins.

**Better Phosphorus Removal** needs better mixing. You can attain more effective chemical distribution and better phosphorus removal results with Ixom Watercare wastewater mixers.

*Ask us for a free evaluation of your wastewater system!*

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Lift Station Wet Well Mixing

**Fight wipes. Stop clogs. Wet wells need mixing.** The AP500 Wet Well Mixer helps keep solids —such as wipes— in suspension as sheets instead of clumps which in turn prevents lift station pumps from clogging. Mixing also helps reduce H2S odors, corrosion, and grease (FOG) buildup.

These tough little mixers are ideal for almost all types of liquids in municipal and industrial wastewater treatment tanks, basins and ponds.

- Constructed of 316SS and polymer materials.
- Portable & compact. *Fits through a 14 inch opening!*
- Easily installed by department personnel.

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