



Process & Packaging Inc. Presents:

IONIZED SURFACE TENSION TECHNOLOGY

After 4 years of development, the Ionized Surface Tension Technology (ISTT) system is ready to revolutionize process water.

The ISTT system creates neutral pH electrolyzed water for various applications across the food and beverage industries.

Through electrolysis, the water will undergo a positive/negative ion exchange to restructure water molecules, breaking down water clusters into nanobubbles and dramatically reduce overall surface tension.



BENEFITS & APPLICATIONS OF THE ISTT SYSTEM

NATURE'S CLEAN UP CREW

- Neutralizes pathogens in source water during electrolysis
- Minerals stay in suspension to prevent the Total Dissolved Solids (TDS) build-up
- Prevents pathogen growth in condensation on equipment and standing water

NATURE'S SANITIZER

- Creates antimicrobial properties for pathogen control via Oxygen Reduction Potential (ORP)
- Creates **sodium hydroxide "alkaline water"**, a degreaser/detergent
- Creates **hypochlorous acid**, an antimicrobial agent which kills or inhibits organic growth

SIMPLIFY THE PROCESS

- Reduction of cleaning chemicals in Cleaning In Place (CIP) Systems
- Reduction in BOD Loads
- Reduction of water usage
- Maintaining drain and Waste Water Treatment Systems
- Compatible to existing process equipment and processes
- Cooling tower maintenance

