



# Resource and Energy Management and Recovery

**STERITECH** has been committed for over 35 years to providing pasteurization and sterilization equipment that reconciles productivity and energy performance. **STERITECH** continues to optimize and innovate to develop the least energy-intensive systems possible.

**STERITECH** offers innovative solutions for recovering and recycling the energy and resources used during cycles, for all processes.



Energy and water management occurs at the autoclave level, but it can also be integrated at the global level of the factory. The hot and cold water recovery system recycles water for subsequent

cycles and provides excess water recovered for other stages of the factory process.

The system optimizes the energy consumption required: save up to 35% of energy during heating and up to 30% of energy and water during cooling.

Energy and water are recovered during different cycle phases and reinjected into the process based on their temperature. The recovered surplus can be reused for other tasks in the factory.

Our control system allows for precise monitoring of energy consumption through the **TRILOGY Energy** module. Depending on each cycle, measure and optimize the energy needs of each product.

**Decarbonize your processes!** The energy management system reduces the energy requirements and thus reduces CO2 emissions.



**To go further**  
Request a personalized study that is adapted to your current or future installation!

