EXERGY
HEAT TRANSFER SOLUTIONS

HEAT EXCHANGERS & DISPENSING SYSTEMS

SAFETY, STERILITY, & SUSTAINABILITY FOR LIFE SCIENCE INDUSTRIES

PRECISE HEAT TRANSFER SOLUTIONS FOR CRITICAL LIFE SCIENCE APPLICATIONS

Exergy provides advanced heat transfer solutions for various life sciences industries, including pharmaceuticals, biologics, and nutritional products. Our innovative heat exchangers play a critical role in maintaining temperature control across essential processes, such as bioreactors, chromatography skids, and PW/WFI management. With high heat transfer efficiency, low hold up volume and an industry-leading compact design, Exergy helps companies maintain the highest levels of product integrity, sustainability, and safety, supporting innovation and growth in the ever-evolving life sciences sector.

SANITARY SHELL & TUBE AND TUBE-IN-TUBE HEAT EXCHANGERS

For demanding processes such as fermentation or chemical reaction stabilization, our Heat Exchangers deliver reliable, precise temperature control. We help you maintain product quality and support consistent, high-performance outcomes.

- **Precision You Can Rely On:** *Our heat exchangers keep your water for injection (WFI) at a consistent temperature, which is essential for maintaining sterility and ensuring product safety.*
- **Compact Design:** *Our exchangers feature a space-saving and market-leading low-weight footprint, saving valuable space and allowing heat transfer directly at the point of need.*
- **Regulatory Compliance:** *Engineered specifically for life sciences, we help you meet all necessary regulatory requirements and industry standards.*

SHELL & TUBE HEAT EXCHANGER	TUBE-IN-TUBE HEAT EXCHANGER
Up To 5,000,000 BTU/Hr (1465 kW)	Up To 100,000 BTU/Hr (29 kW)
Up To 250 GPM (946 LPM)	Up To 10 GPM (38 LPM)
Up To 1500 PSI (104 bar)	Up To 4500 PSI (310 bar)

>1,000
INSTALLATIONS WORLDWIDE

95%
RETURN CUSTOMER RATE

Exergy is trusted by leading life science companies, with over 1,000 installations worldwide and a 95% return customer rate. Our technologies consistently deliver reliable performance, helping you meet your productivity, safety, and sustainability objectives.

PUREX DISPENSING SYSTEM™: OPTIMIZED FOR EFFICIENCY

When dispensing purified water (PW) or water for injection (WFI), the PureX Point-of-Use Dispensing System™ simplifies operations while enhancing safety and sterility. Our unique system design streamlines your dispensing processes, reduces waste, and ensures continuous, on-demand operation.

- **Simplified Operations:** *PureX Dispensing Systems minimize operator training time by simplifying Standard Operating Procedures (SOPs), reducing the risk of recordable incidents with controlled temperature dispensing.*
- **Enhanced Efficiency:** *With uninterrupted high-volume, variable temperature and flow rates, we provide 24/7 sterility and instantaneous dispensing, eliminating downtime for sterilization cycles.*
- **Operational Savings:** *Minimize PW/WFI media waste during sanitization cycles with PureX systems, allowing you to achieve a total return on investment within months.*
- **Automated Convenience:** *Local and remote operation makes production, cleaning, and sampling processes flexible and instantaneous, streamlining your operations further.*

POINT-OF-USE PW/WFI DISPENSING SYSTEMS

0.5 to 50 GPM (115-11300 LPH)

Fully Customizable

Instantaneous availability of ambient PW/WFI

WHY CHOOSE EXERGY?

- **Proven Performance:** *Achieve consistent, high-quality results across various life science applications with Exergy's solutions.*
- **Engineered for Your Needs:** *We customize our heat exchangers and PureX Dispensing Systems™ to meet the specific user requirements of your facility, whether for flow rates, temperature ranges, or other process requirements.*
- **Sustainability at the Core:** *Our systems reduce PW/WFI waste, helping you achieve ROI within months and contributing to your sustainability initiatives.*

READY TO ENHANCE YOUR MANUFACTURING PROCESS?

Invest in Exergy's advanced solutions for unmatched efficiency, safety, and sterility across all your critical processes. From Heat Exchangers to PureX Dispensing Systems™, we have the tools to transform your operations.

CONTACT US TODAY

Let's discuss how Exergy can elevate your manufacturing processes.

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