



Sample Cooler Application

A customer required periodic clean steam sampling across multiple locations, demanding electropolished wetted surfaces to $<10 \mu\text{in } R_a$ with immediate availability. Exergy delivered a sanitary tube-in-tube solution directly from stock.

Solution Specifications

Configuration

Sanitary Tube-in-Tube — 2 × Model 00644-01, mounted in stainless steel frame

Surface Finish

Electropolished wetted surfaces to $<10 \mu\text{in } R_a$ per ASME BPE requirements

Connections

ASME BPE sanitary flanges — fully compliant with bioprocess and pharma standards

Delivery

Shipped from stock — no lead time delay for critical sampling infrastructure



Features & Benefits



Thermal Robustness

Handles large ΔT between steam and cooling water; flexible for thermal cycling



Hygienic Design

No dead legs or crevices; fully drainable — meets the most stringent sanitary standards

Contact Exergy

Phone: 1-516-832-9300

Web: www.exergyllc.com

Contact us to locate your local representative.