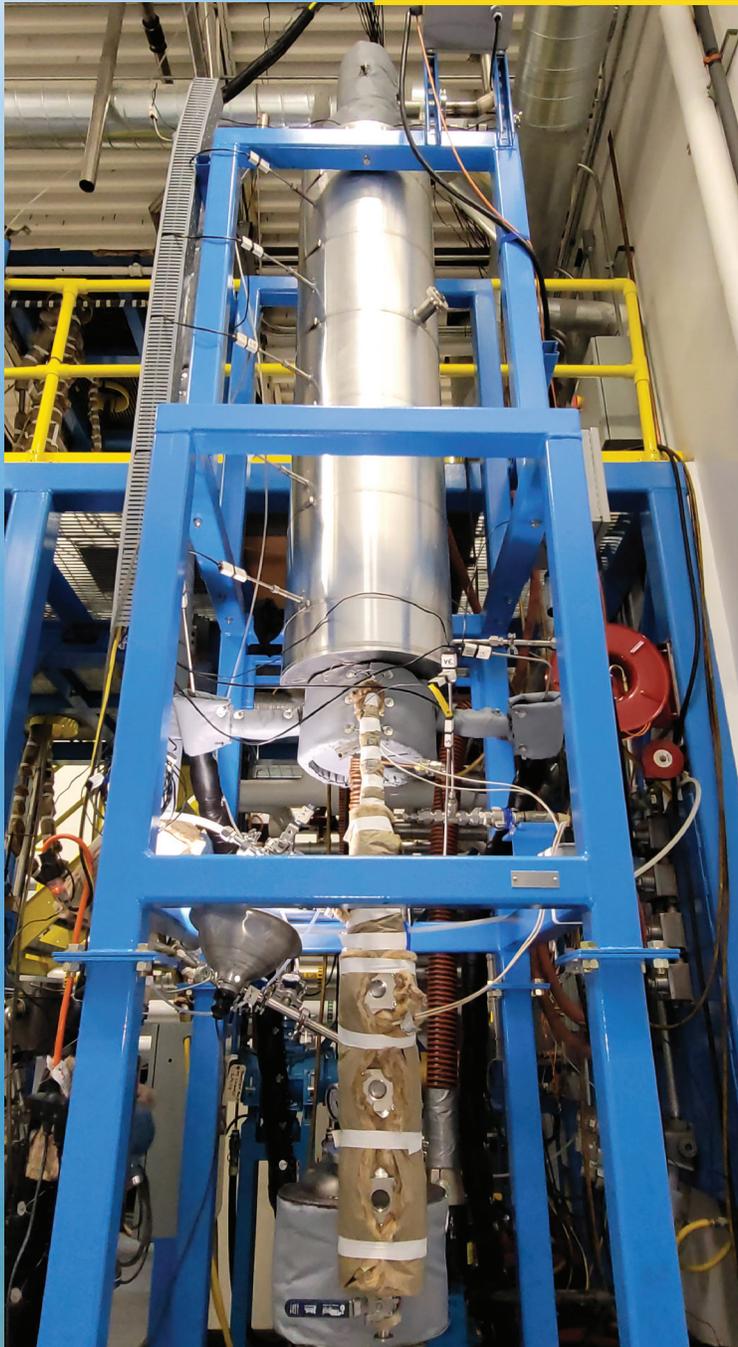




TECHNOLOGY CENTER



COMPLETE PROCESS DEVELOPMENT

BENCH AND PILOT PLANT SCALE TESTING

SMALL SCALE CONTRACT MANUFACTURING



PROCESS INTENSIFICATION

Artisan's continuing process development, utilizing 85 years of experience and test data, provides invaluable input in the development or improvement of each customer's process. Adding these innovative ideas that can simplify and intensify the process will result in fewer unit operations. This lowers operating expenses, as well as improving product quality and yield.



Thermo Fisher Scientific GC-MS

Photo right: Distillation System on display in Explosion Proof Pilot Plant Suite #1

Photo bottom right: Opto-22 Operating System Control System



THE TECHNOLOGY CENTER ENABLES ARTISAN TO DEVELOP NEW PROCESSES OR TO IMPROVE EXISTING PROCESSES FOR CUSTOMERS.



5 sq. ft. Rototherm® Thin Film Processor

EDIBLE OILS TECHNOLOGIES:

- Proprietary Stripping, Deodorization and Distillation
- Commercial Scale Modeling and Design Capabilities
- Analytical Testing Services
- Process Specific / Multi-Step Separation Demonstration

ADDITIONAL PROCESS TECHNOLOGIES:

- Evaporation / Thin film
- Extraction (Liquid / Solid)
- Desolventizing
- Aroma Recovery
- Deodorization
- Diffusion Drying
- Polymer Processing
- Continuous Reaction

PROCESSING UTILITIES INCLUDE:

- Vacuum to 0.01 mm Hg absolute
- Heat transfer medium: Hot water, steam and hot oil available up to 650° F
- Chilling down to 30° F



Explosion Proof Pilot Plant Suite #1
On display the Artisan 1 sq. ft. Rototherm System



Explosion Proof Pilot Plant Suite #2
On Display the Artisan Short Path Stripping® Column



For more information on how our Technology Center can assist you, please contact us:

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