

Parker Autoclave Engineers

Multi-Train BTRS

Fischer-Tropsch Reaction System

General Description

Combinatorial catalyst screening and evaluation for the Fischer-Tropsch process, petrochemical, hydrocarbon, and other specific chemical reactions through our fixed bed and stirred reaction systems.

Fischer-Tropsch: What is this process?

Fischer-Tropsch process and the advances in the technologies and research into the hydrocarbon induced products, coal to liquids, gas to diesel (GTL), and other products such as waxes, solvents, and other chemical products. This is now the focus and future direction.

Fischer-Tropsch: Specific Reactions

Fischer-Tropsch process is basically the catalytic conversion of synthesis gas, which is a mixture of hydrogen and carbon monoxide, yielding long chained hydrocarbon molecules. As mentioned coal to liquids, gas to diesel (GTL), and other products such as waxes, solvents, and other chemical products. Parker Autoclave Engineers is now leading the way for research in this process.

Why Fischer-Tropsch Projects and Investments?

With soaring oil prices, coal and gas to liquids technologies are becoming more attractive as an alternative route to liquid fuels. Extensive research efforts are underway to realize the full potential of this reaction. Parker Autoclave Engineers' expertise facilitates this with our reaction systems approach and engineering support.

Options Available

Feed tanks, pumps, wet test meters, mass flow controllers, knock-out pots and GLS.

Consult factory for details!



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