



croZair

AVANTA SERIES' CONTINUOUS FLOW REACTORS



An Insight to CroZair

We, at CroZair have designed and developed our vacuum pumps through unceasing research, our industrial success stories are the evidence of the standard that we have established over time. We continuously innovate to downsize time, maintenance cost and maintenance operation of our vacuum pumps.

Technology

Continuous Flow Reactors carry material as a flowing stream. Reactants are continuously fed into the reactor and emerge as continuous stream of product. Continuous reactors are use for a wide variety of chemical and biological processes within the food, chemical and pharmaceutical and Intermediate industries. At CroZair we design Reactors as per Chemistry, Process Challenges and have variety of shapes & types of reactors.

KEY FEATURES

- High Mass Transfer
- Low Material Holdup
- Strong Technical Inputs
- Process Oriented Designs
- Chemistry Specific Designs
- Built for Reliability and Robustness
- High Heat Transfer for Exothermic Chemistry

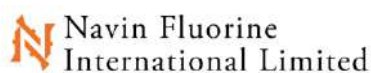
APPLICATIONS

- Acylation, Oxidation, Pyrolysis
- Cyclization Lithiation Acetylation
- Sulphonation Neutralization Grignard
- Diazotization Metathesis Ammoxidation
- Hydroamination Olefination Alkylation
- Lithiation Chloromethylation Nitration
- Hydrogenation Crystallization Ozonolysis
- Halogenations, Esterification and More ...

BENEFITS

- Design Flexibility
- Strong Technical Inputs
- Improved Process Safety
- Scale-up of Chemical Reactions.
- Rapid Analysis and Optimization
- Modular Customizable Workflow
- Increase Product Quality and Yield
- Better Control and Reproducibility of Reactions
- Wider Range of Reaction Variable are Accessible

OUR VALUED COSTUMERS



- For future improvement & up-gradation Crozair Technicea reserves the rights to change machine features & benefits
- This catalogue briefly outlines our standard pump range, detailed information of all our pumps & accessories are available at individual data sheet
- If you can't find pump suitable to your application within our standard range, our technical engineers are always available to respond to the specific need of your applications



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