

Flow Reactor

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The Coflore Flow Reactor can run 24/7, handle the most complex reactions without back mixing and has applications in full scale manufacturing processes. The patented mixing technology, developed by AM Technologies, has free moving agitators within each reaction stage, promoting mixing when the reactor body is



subjected to lateral shaking. Intense mixing is generated without the need for rotating shafts, mixing baffles or mechanical seals. Problems of centrifugal separation, which can occur when two phases are present, are also eliminated.

Other benefits include:

- Improved product yields and purity
- Reduced equipment space requirements
- Reduced solvent use and waste
- Faster scale up
- Improved safety and reliability
- Improved energy efficiency

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http://www.chem.info/product-releases/2014/03/flow-reactor?qt-recent_content=0