

AM Technology

At AM Technology, we take pride in our global leadership in continuous flow reactor technology, driving advancements in chemical and pharmaceutical manufacturing worldwide. Our goal is simple: to assist our clients in embracing leaner, more sustainable, and safer processes, fostering a greener and more efficient future.

Driving Decarbonisation, Enhancing Efficiency

Through our cutting-edge continuous flow reactor solutions, we work to empower clients to significantly reduce the carbon footprint of their chemical manufacturing process. By minimising peak energy demand, enhancing process safety with reduced reactive volumes, and slashing plant footprints by up to 50%, we pave the way towards a more sustainable future.

Coflore Reactor Technology

At the heart of our success lies our patented 'Coflore' active mixing technology. Coflore enables seamless execution of a wide range of chemical processes. From hydrogenations to nitrations, Grignard reactions, and halogenations, our systems deliver unparalleled versatility.

With scalability ranging from grams to kilotons per annum production, and equipment that is retrofittable into existing plant infrastructure, we ensure seamless integration into diverse manufacturing environments.

Chemical Feasibility Testing: Transforming Concepts into Reality

At our state-of-the-art chemistry laboratories in Runcorn, our experienced team of chemists and chemical engineers collaborate with you at every step. Whether it's conducting feasibility assessments, facilitating technology transfers from batch to flow, or executing seamless scale-up testing, we transform ideas into tangible solutions.

Modular Process Systems: Tailored Solutions, Unparalleled Quality

From inception to implementation, our multi-disciplinary team works in harmony to bring your vision to fruition. We can take your process from feasibility testing through to process skid design, manufacture, and commissioning. Compliant with GMP, CFR21, ATEX, and other standards as required to suit your manufacturing environment.



AM Technology
Engineering Chemistry

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Langfields

Langfields are specialist fabricators of process plant equipment for the Hydrogen, Waste to Energy, Pharmaceutical, Petrochemical, Chemical, Nuclear and other process industries. From our facilities in Salford and Warrington, Langfields have a long history in supporting the North West Chemical sector with the design and manufacture of high integrity products including: Pressure Vessels; Heat Exchangers; Columns; Pipework;

Storage Tanks and Site Services. Langfields are dedicated to the latest fabrication and welding techniques with a history that stretches back to the 1800's, when the company was involved in the production of mild steel, copper and brass components.



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