

Company profile

Syrris

Yann Lecouturier

Syrris Ltd., 27 Jarman Way, Royston SG8 6HW, UK,
e-mail: yann.lecouturier@syrris.com

Syrris

Syrris creates automated products for research and development chemists and is a world leader in flow chemistry and microreactor and automation technology. Syrris products are used in a wide variety of applications and laboratories, including process, discovery, crystallization, process safety, scale-up and many others.

Syrris products include the innovative range of fully automated batch reactor products (Atlas), a manually operated jacketed reactor platform (Globe) and flow chemistry systems (Asia and Africa). Syrris also offers the Medstere software, which suggests novel biososteres to lead compounds.

Company

Syrris provides leading high quality, innovative products for research and development chemists and chemical engineers. Since its formation in 2001, Syrris has grown year after year and now has products in hundreds of chemical companies and academic institutions worldwide, including all of the top-20 pharma companies.

Background

Based in Royston (near Cambridge), UK, Syrris has subsidiary offices in the USA, Japan, India and Brazil and over 30 distributors worldwide offering technical assistance and support.

Syrris is engaged in designing, developing and selling easy-to-use automated products for chemists in areas such as the pharmaceutical industry, academia, CROs, petrochemical industry, etc.

These versatile products cover a broad range of applications from synthesis, process optimisation and reaction analysis to crystallisation, calorimetry, scale-up and many more. Syrris has two major product types: batch reactor systems and flow reactor systems.

Leading market in flow chemistry products

Syrris' innovative flow chemistry products deliver fast, clean and safe chemical reactions. They are ideal for process optimization.



Asia Flow Chemistry System

The flow product families are made up of Asia, the most advanced and easy-to-use flow chemistry system available, Africa, a fully automated microreactor flow system, and FRX, a modular flow chemistry system. The Asia product range includes a high-pressure, incredibly smooth and highly chemically compatible flow chemistry pump.

These flow chemistry products enable exciting opportunities to integrate traditionally separate processes and increase the speed of discovery and development.



Atlas-Automated Synthesis System

Batch process reactors

The batch reactor product families are named Globe and Atlas. Globe is a jacketed reactor platform that saves time, money and space by enabling vessels from 50 ml to 5 l to be used with the same clamp, lid, circulator and stand. Atlas is a revolutionary range of modular products. Atlas offers manual or automated control of one or many reactions at a time with volumes from the μ l scale to 5 l in jacketed reactors, flasks or vials.

Syrris also offers the Reactor Master system for automating other manufacturers' jacketed reactors and Custom Reactor systems for volumes up to 250 l, very high temperatures/pressures, different materials, etc.

Syrris' product range also includes the innovative bioisostere replacement software Medstere. Designed specifically

for medicinal chemists, Medstere shortens lead optimization cycles by suggesting thousands of obvious and non-obvious alternatives to a known lead.

