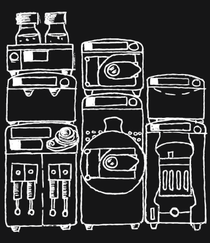


SYRRIS

Syrris Asia Flow Chemistry Systems

Let's get to know them!

Innovative features

Modular design
Customize and expand your setup effortlessly to meet specific experiment requirements

Precise control
Ensure reproducibility and accuracy in reactions with control over temperature, pressure, flow rates, and residence time

Automation capabilities
Streamline workflows, reduce manual tasks, and enhance efficiency with advanced automation features

Safety features
Minimize risks and create a secure environment for experiments with built-in safety mechanisms

Scalability
Transition seamlessly from lab-scale to production-scale processes with scalable options

Integrated Technologies
Explore a wide range of reactions with precision using innovative modules like photochemistry and electrochemistry

Streamlining chemical processes

Efficient Experimentation
Save time and resources by optimizing reaction conditions with precise control and automation

Optimized Workflows
Set up experiments quickly, run parallel reactions, and analyze results efficiently with customizable workflows

Enhanced Productivity
Boost productivity with real-time data from in-line analytics and automated sampling for informed decision-making

Improved Safety
Maintain a secure working environment, ensuring compliance with safety regulations and minimizing accidents

Consistent Results
Achieve reliable outcomes with precise control over parameters, leading to consistent and high-quality results

Preconfigured Systems

Asia Starter Flow Chemistry System
Designed for entry-level flow chemistry applications, offering a user-friendly introduction to the world of flow chemistry.

Asia Photochemistry System
Tailored for light-induced reactions, providing precise control over photochemical processes with features like the Asia Photochemistry Reactor.

Asia Electrochemistry Flow Chemistry System
Combines flow chemistry with electrochemistry, enabling advanced control over electrochemical reactions using modules like the Asia FLUX Electrochemistry.

Asia Scale-Up Flow Chemistry System
Ideal for transitioning from lab-scale to production-scale processes, featuring modules like the Asia Column Reactor for scaling up reactions.

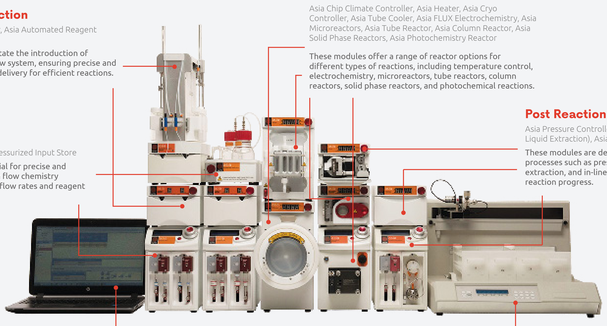
Asia Cold Flow Chemistry System
Specialized for conducting chemistry at low temperatures, facilitating reactions in cold environments for specific applications.

Asia Nanoparticle Flow Chemistry System
Designed for synthesizing nanoparticles using flow chemistry techniques, providing a controlled environment for nanoparticle formation.

Modules

Flow chemistry systems can be as simple or as complex as your chemistry requires

You can build your flow systems to your exact requirements. You can add additional modules to the 3 required (pump, reactor and pressure controller). Here you can find the modules at your disposal.



Reagent Injection
Asia Reagent Injector, Asia Automated Reagent Injector
These modules facilitate the introduction of reagents into the flow system, ensuring precise and automated reagent delivery for efficient reactions.

Pumping
Asia Syringe Pump, Asia Pressurized Input Store
These modules are essential for precise and controlled fluid delivery in flow chemistry setups, ensuring accurate flow rates and reagent injection.

Flow Reactor
Asia Chip Climate Controller, Asia Heater, Asia Cryo Controller, Asia Tube Cooler, Asia FLUX Electrochemistry, Asia Microreactors, Asia Tube Reactor, Asia Column Reactor, Asia Solid Phase Reactors, Asia Photochemistry Reactor
These modules offer a range of reactor options for different types of reactions, including temperature control, electrochemistry, microreactors, tube reactors, column reactors, solid phase reactors, and photochemical reactions.

Post Reaction Modules
Asia Pressure Controller, Asia FLLEX (Flow Liquid-Liquid Extraction), Asia Sampler and Dilutor
These modules are designed for post-reaction processes such as pressure control, liquid-liquid extraction, and in-line analytics for monitoring reaction progress.

Automation
Asia Automator, Asia Manager PC Software
These modules provide automation capabilities for managing and controlling flow chemistry processes, offering advanced software tools for optimizing reactions and workflow tracking.

Sample Collection
Asia Product Collector, Asia Automated Collector
These modules enable the collection and storage of reaction products, offering efficient solutions for sample handling and analysis.

Get in touch

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