

# Preconfigured Reactor Systems

**Glass chemical reactor system designed as a multipurpose station. Available with a range of interchangeable reaction vessels from 500ml to 10l which are easy to set up and customizable to the scale needed for each application.**

The preconfigured reactor system provides an enhanced user experience in chemical synthesis reactions, such as polymerization, bioreactions and other laboratory operations: concentration/distillation of temperature sensitive chemical compounds, enzymes, proteins, vitamins, and aromatic compounds. Reactor systems can be fully customised to cater to your individual process requirements.

## Quick vessel switching

Vessel clamp allows for quick vessel switching without the need for tools. Vessels are available in sizes ranging from 500ml to 10 litres for DN100, DN120, DN150, DN200 clamps with the appropriate accessory.

## Designed for daily use

The sturdy stand is high resistance with two to three stainless steel rods for extra stability designed for daily use.

## Stirrer compatibility

The system is compatible with all leading overhead stirrer brands. The self-aligning stirrer coupling engages without the need for tools.

## Safety

The system is suitable for use inside a fume cabinet ensuring peace of mind for the protection of both personnel and material.

## Features

- Range of single and vacuum jacketed vessels from 500ml to 10 litres.
- Process vessels for small to kilo lab scale synthesis.
- Borosilicate glass 3.3 vessels.
- Glass lid adaptable for each set up.
- Wide process temperature range: -70°C to +200°C.
- Zero dead space in outlet valve (customisable).
- Wide range of accessories to match: condensers, additional funnels, vacuum outlets, inert gas, temperature probes, etc.
- Custom made accessories available.



## CONTACT

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# Multipurpose, Customisable Chemical Reactor System

Scharlau  
by  
AFORA

Scharlab  
THE LAB SOURCING GROUP



Stand adaptable to overhead stirrers



Wide range of standard & customised accessories



Stirrer alignment



Self-centring, quick release vessel clamp



Zero dead space in outlet valve

Spill tray



**OCON**  
chemicals Ltd