



# reactor

**robust, excellent value  
jacketed reactors**

# systems

**benchtop and floor standing  
jacketed reactor systems up to 70L**



**Excellent value benchtop and floor standing reactor systems**

## What are the Reactor Systems?

**The Glass Solutions Reactor Systems are robust, reliable and excellent value jacketed vessel systems. Choose from benchtop systems from 500ml to 10L or floor standing systems from 2L to 70L.**

### Reactor System benefits:

- **Compact bench top systems:** jacketed vessels with volumes of 500ml, 1L, 2L, 3L, 5L or 10L.
- **Floor standing systems:** jacketed vessels with volumes of 2L, 3L, 5L, 10L, 20L, 30L, 50L or 70L.
- **Wide range of vessel types:** single jacketed vessels, vacuum jacketed vessels (up to 5L floor standing or 30L floor standing) or customized vessels.
- **Wide range of accessories:** circulators, 5, 6 or 7 port lids, stirrers, stirrer motors, reflux condensers, addition funnels, distillation systems and more.
- **Easy to use:** vessel height adjustment and easy stirrer motor adjustment.
- **Safe and secure:** vessels are independently supported at the neck and base and feature sprung bottom outlet valves.
- **Easily customized:** contact glass solutions for customization.
- **Chemically resistant:** wetted parts are chemically resistant.
- **Robust and stable:** extruded aluminium frame for stability and durability.

**Right:** A 15L single jacketed floor standing system with PTFE anchor stirrer, condenser, and temperature probe

**Below:** A condenser is one of the many accessory options



### Reactor System Features

Glass Solutions Reactor Systems are designed for process development labs, kilo labs and pilot plants. The robust design ensures robust and reliable performance over a wide range of vessel sizes and applications.

As Glass Solutions manufacture all the glassware at their cutting edge facility in the UK, quality is ensured and customization is quick and easy.

### Examples of Reactor System Applications

- Chemical reactions, crystallizations, work-ups, distillations, bio reactions etc.
- Process optimization, process development or production
- Pharmaceutical, petrochemistry, food, flavour and fragrance, fine chemical synthesis, agrochemistry, paints and dyes etc.



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