

Reactor-Ready™ Duo Lab Reactor - 100 ml to 5 litres

All the benefits of Reactor-Ready with two vessels in parallel or series

Reactor-Ready Duo shares the same unique features as Reactor-Ready, but holds two independent jacketed glass reaction vessels. The system can be configured to operate with a single thermoregulator controlling the jacket temperature of both vessels simultaneously or with two thermoregulators controlling the temperature of each vessel independently.

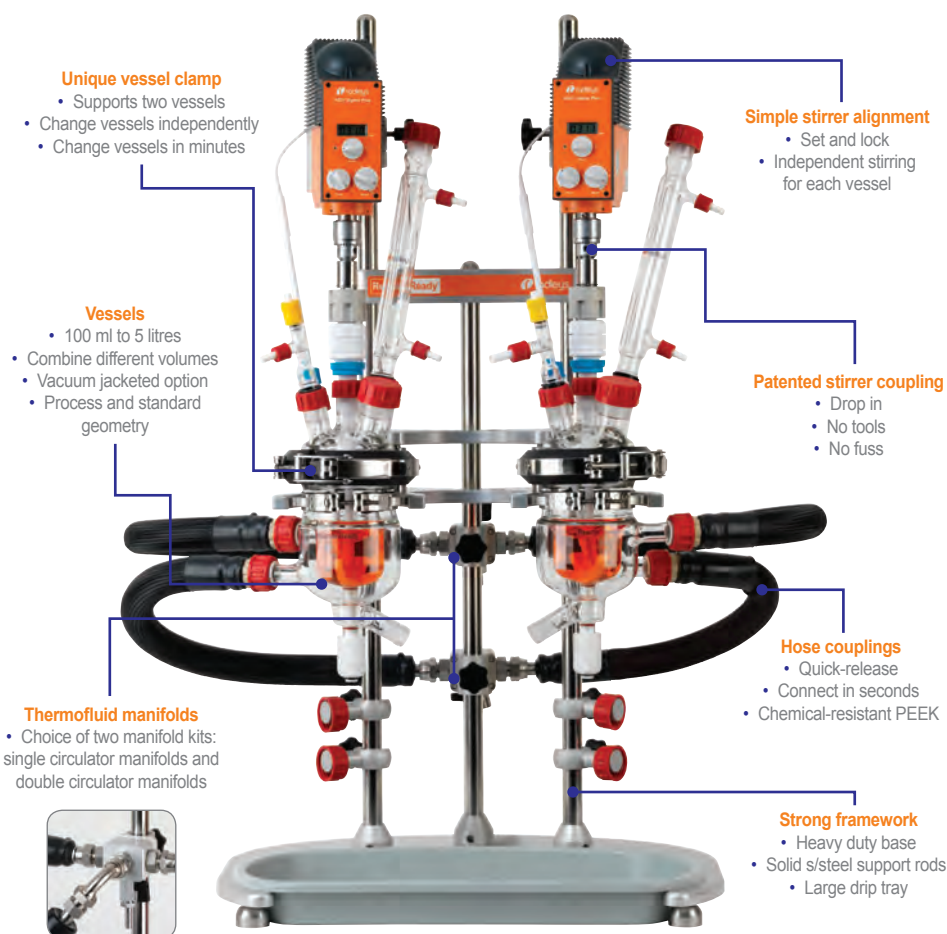
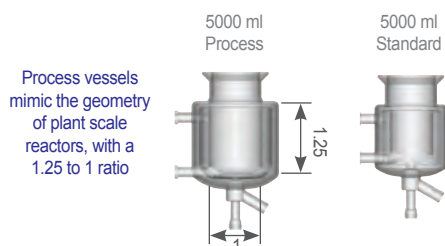
Features

- Rapid exchange of both vessels independently, with quick-release vessel clamp and hose couplings.
- Choice of manifold kits allow two vessels to run from a single thermoregulator or two separate thermoregulators.
- System accepts two overhead stirrers which can be moved independently.



Applications

- Parallel synthesis or reaction optimisation: use similar or different size vessels and vary stirring speed, stirrer shape and temperature between vessels.
- Two stage reaction: transfer reactant from one vessel to the other using vacuum or a pump.
- Single reaction vessel: using the second vessel as either a receiving or feed vessel (where reagents can be pre-heated or pre-cooled prior to addition).
- Use optional AVA software to control fluid transfer between vessels.



Supports two glass reaction vessels of different or similar volume from 100 ml to 5 litres



Similar vessel sizes with double circulator manifold kit



Different vessel sizes with double circulator manifold kit



Similar vessel sizes with single circulator manifold kit



Different vessel sizes with single circulator manifold kit