

Lab Glass Reactor Unit

Accessories on the cover:

Addition vessels : Separate with connecting lines, and Drop Funnels of various volumes

Distillation lines : Return spiral condenser coolers, Columns and Distillation separators, Prefabricated vessels for condensate

Sensors : Temperature, Pressure, pH

Mounting Clamp:

- Self-centering
- Quickly-detachable
- Replacing the vessel in minutes

Compact Drive

- Digital Display of RPM
- IKA Germany make

Agitator Coupling

- Mechanical seal/Stuffing box/Magnetic seal
- Ease of fitting
- No Vibrations

Reactor Vessel:

- From 100 ml to 5 ltr
- Graduated
- With a Jacket for Thermofluid
- Optional with a Vacuum Jacket for better thermal insulation

Zero Hold Up Valve

- Zero dead volume
- Teflon or Peek
- Optionally - built-in thermal sensor

Tripod Stand:

- Compact, Sturdy and convenient
- Stainless steel
- Spill collection tray

Utility Hoses:

- Easy to disconnect the thermostat
- No need to drain the coolant from the jacket
- Quick couplings available



2 ltr Laboratory Scale Glass Reactor Unit

Technical Specification :

- **Glass :** Borosilicate glass 3.3(Schott Duran)
- **Temperature range :** -90° C to 250° C
- **Pressure range :** Full vacuum to 6 bar
- **Stirrer Speed range :** 60 - 2000 rpm

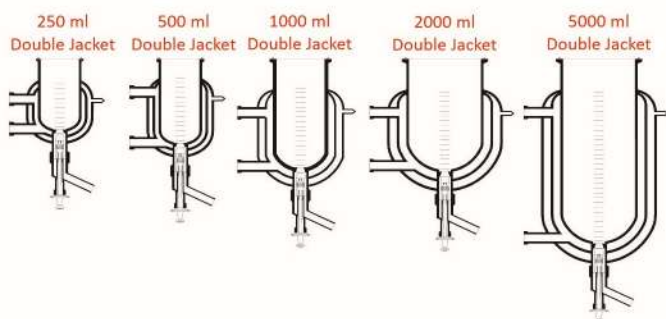
- **Interaction with reagents:** complete Inertness
- **Seal and valve material:** Teflon DuPont, PEEK, Kalrez
- **Jacket :** Single for heating / cooling or double for additional thermal insulation and cryogenic reactions

Salient Features

- Lab Reactor system suitable for most benchtop fume hoods
- Skid Mounted and quick release clamp for easy installation and removable of glassware
- Suitable for vacuum condition
- Interchangeable Stirrer anchor, propeller, turbine, etc
- Digital temperature indicator

A single reaction system that accepts a range of different vessel sizes

Replace multiple reaction set-ups with a single universal system that accepts vessels from 250 ml to 5 litres



A choice of popular stirrer

A range of stirrer is available in a variety of patterns to suit different applications



Compatible with world's leading brands of Thermocirculators

Our lab glass reactor unit is compatible with all leading brands of thermoregulator including Huber, Julabo, Lauda, etc.



Lab Glass Reactor Unit includes :

- Stand with base, support rods, bosses and all clamps
- Glass reaction vessel with glass lid
- Vessel with FEP O-ring seal and PTFE collar
- Stainless Steel tray
- Vessel-to-manifold insulated hoses with quick-release connections
- Zero hold up drain
- IKA motor
- PTFE stirrer guide
- Magnetic Seal
- Temperature Indicator
- Quick release clamp for reactor



***Can be customized according to your application requirements**

