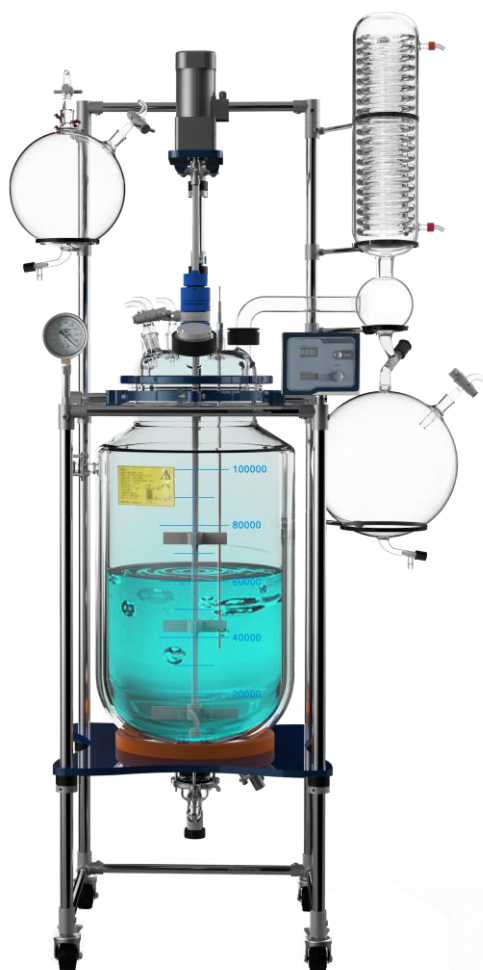


## REAC-N100L-V2 Double-wall Glass Reactor

### 1.Features and Advantages

- High borosilicate glass 3.3 has good physical and chemical properties.
- Wide working temperature range: -80~200°C.
- It can work under normal pressure and negative pressure, its vacuum degree can reach to 0.095MPa.
- Frequency and constant speed control system, digital display stirring speed.
- PTFE stirring blade, push-type stirring paddle , corrosion resistant.
- Anti-corrosion discharge valve.
- Stainless steel frame, corrosion resistant. Lockable casters makes it easier to move and positioned.



## 2. Technical data

Name	100L Double-wall Glass Reactor	
Model	REAC-N100L-V2	
Vessel volume	100 L	
Jacket volume	30 L	
Jacket heat exchanging area	1.09 m <sup>2</sup>	
Condenser cooling area	0.954 m <sup>2</sup>	
Feeding flask volume	10 L	
Receiving flask volume	20 L	
Glass material	High borosilicate glass 3.3	
Frame and connection parts material	SUS304	
Working temperature range	-80~200℃	
Bearable temperature difference	90℃	
Operating pressure	Ordinary or negative pressure	
Stirring Motor	Power	250 W
	Speed control	Frequency speed control
	Stirring speed	50~500rpm
Reactor lid openings(7)	Stirring port	60# flange mouth
	Sensor port	35# flange mouth
	Condenser connection port	50# standard ball mouth
	Liquid charging port	34# standard milling mouth×2
	Feeding flask connection port	40# standard milling mouth
	Solid charging port	95# flange mouth
Diameter of circulating fluid inlet and outlet	DN15 flange mouth	
Power supply	220-240V~,50/60HZ	
Discharge valve	Drain port ground clearance:340mm	
Sensor material	Stainless steel coated with PTFE, double anti-corrosion	
Stirring	Mechanical seal, push-type stirring paddle, the shaft is stainless steel coated with PTFE	
Dimensions	1200W×790D×2360H mm	