



GR-3CE 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℃.
- 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.





2. Technical data

Name		3L Double-wall Glass Reactor
Model		GR-3CE
Vessel volume		3L
Jacket volume		2L
Jacket heat exchanging area		0.025 m ²
Condenser cooling area		200ml
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
Stirrer	Power	50 W
	Speed control	Frequency speed control
	Stirring speed	40~500rpm
	Max. torque	70N-cm
Reactor lid openings(5)	Stirring port	24# standard milling mouth
	Sensor port	24# standard milling mouth
	Condenser connection port	24# standard milling mouth
	Liquid charging port	19# standard milling mouth
	Constant pressure funnel connection port	24# standard milling mouth
Diameter of circulating fluid inlet and outlet		Flange mouth, inner diameterφ12mm
Sealing parts material		PTFE
Power supply		Stirrer: 100-240V~,50/60HZ Temperature/vacuum display unit: 220-240V~,50/60HZ OR 110V~,60Hz
Discharge valve		Drain port ground clearance:100-200mm(adjustable)
Sensor material		Stainless steel coated with PTFE, double anti-corrosion
Stirrer paddle		Four blade push-type, the shaft is stainless steel coated with PTFE
Dimensions		480W×420D×1200H mm

