



Reac-N10/20/30/50LE Double-wall Lifting 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.
- The glass vessel can be lifted up and can be angled 120 degree both sides, which makes it more convenient to operate and clean.
- PTFE stirring blade, push-type stirring paddle, corrosion resistant.
- Anti-corrosion discharge valve.
- Lockable casters makes it easier to move and fixed.



2. Technical data

Model		REAC-N10LE-V2	REAC-N20LE-V2	REAC-N30LE-V2	REAC-N50LE-V2
Vessel volume		10L	20L	30L	50 L
Jacket volume		3L	6L	10L	16 L
Jacket heat exchanging area		0.22 m ²	0.32 m ²	0.46 m ²	0.65 m ²
Condenser cooling area		0.245 m ²	0.245 m ²	0.245 m ²	0.429 m ²
Constant pressure funnel volume		1000ml	1000ml	1000ml	1000ml
Glass material		High borosilicate glass 3.3			
Working temperature range		-80~200℃			
Bearable temperature difference		80℃			
Operating pressure		Ordinary or negative pressure			
Stirring Motor	Power	90W			140W
	Speed control	Frequency speed control			
	Stirring speed	50~500 rpm			
Reactor lid openings(6)	Stirring port	50# flange mouth			50# flange mouth
	Sensor port	24# standard ball mouth			35# flange mouth
	Condenser connection port	50# flange mouth			50# standard ball mouth
	Vacuum gauge installation valve connection port	35# flange mouth			34# standard milling mouth
	Constant-pressure funnel elbow connection port	35# flange mouth			40# standard milling mouth
	Solid charging port	80# flange mouth			80# flange mouth
Specs of circulating fluid inlet and outlet		Rc 3/4			
Power supply		110V/60Hz or 220-240V~,50/60HZ			
Discharge valve		Drain port ground clearance: 580mm, lifting distance: 400mm	Drain port ground clearance: 530mm, lifting distance: 400mm	Drain port ground clearance: 620mm, lifting distance: 400mm	Drain port ground clearance: 570mm, lifting distance: 400mm
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		850W×1100D×2050H mm		860W×1100D×2500H mm	