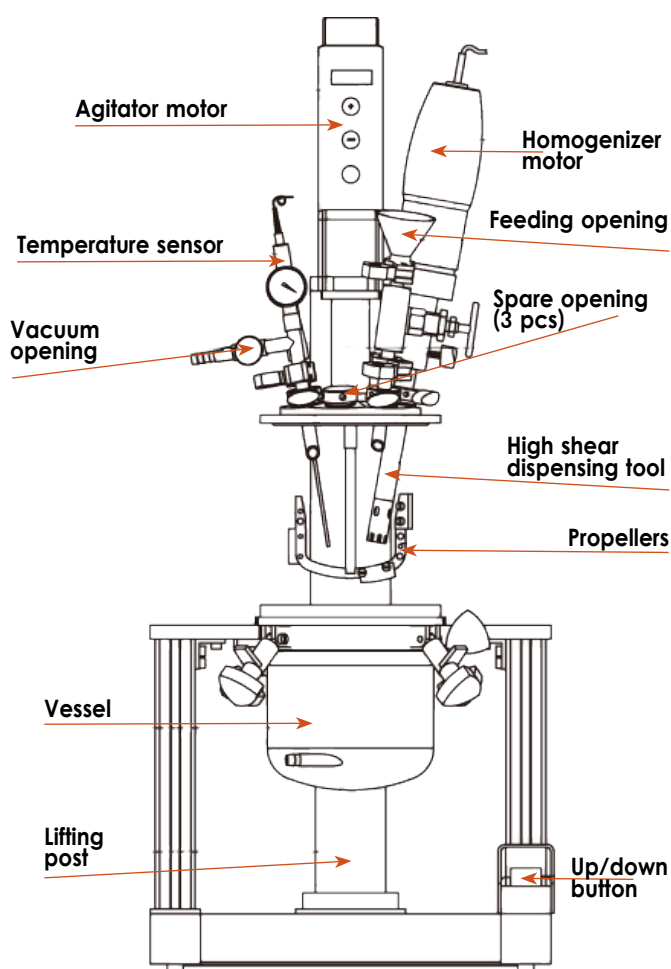


REACT-Series, Reactors

Reactor system of lab scale includes working capacities of 1L, 2L, and 5L. It can complete material dispersing, emulsifying, homogenizing and mixing processes under vacuum or pressurized conditions. It can intimate industrial production in laboratory by selecting high efficiency macro agitators, high shear homogenizing emulsifiers, vacuum seal system, and different sensor systems.



Model	REACT-1L	REACT-2L	REACT-5L
Power supply	220V, 50/60Hz		
Min. agitating capacity	300ml	500ml	1,000ml
Min. emulsifying capacity	300ml	1,000ml	2,500ml
Max. emulsifying capacity	1,000ml	2,000ml	5,000ml
Max. working temperature	120°C		
Accessible vacuum condition	-0.08Mpa		
Max. handling viscosity	100,000CP		
Agitator motor power	110W		
Agitator rotation speed	10-200rpm		
Agitator type	Anchor agitator with scrapers		
Scraper materials	Silicon rubber		
Homogenizer motor power	500W		
Homogenizer rotation speed	10,000rpm-28,000rpm		
Homogenizer generator type	20DG	25DG	
Openings on vessel cover	Homogenizer opening, hopper opening, temperature gauge opening, vacuum opening, 3 spare openings		
Lifting height	210	270	
Main medium-contact materials	SS316L, borosilicate glass, FKM		
Outer diameter of vacuum opening	10		
Jacket inlet/outlet size	12	16	
Ambient temperature	5-40°C		
Permissible relative humidity	80%		
Overall dimension	400×390×780		480×420×850
Standard gross weight	35kg	37kg	42kg
Package	Wooden case		