

High Pressure Reactor



Application:

The autoclave is a stirring device for reacting gas -liquid, liquid-liquid, liquid -solid or gas-liquid-solid materials. It can fully stir and react various chemical materials under higher pressure, vacuum and temperature. It is a non-leakage reaction equipment for vulcanization and hydrogenation in petroleum, chemical,organic synthesis, polymer material polymerization, food and other processes.

Features:

- * Real-time monitoring of reaction pressure in the kettle.
- * High power agitator motor, strong and stable performance.
- * Using static sealing structure, the stirrer and the motor drive are connected by a magnetic coupling.
- * The medium and mixing parts are completely sealed to work.

Technical Parameters:

Model	HPR-0.1L	HPR-0.25L	HPR-0.5L	HPR-1L	HPR-2L	HPR-3L	HPR-5L	HPR-10L	HPR-20L	HPR-50L	HPR-100L
Capacity(L)	0.1	0.25	0.5	1	2	3	5	10	20	50	100
Pressure(Mpa)	22									10	6
Temp(°C)	350									300	
Stirring Speed(r/min)	50-1000						50-600				
Material	SS304/SS316/Hastelloy alloy										
Heating Power(Kw)	0.1	0.8	1.5	2		2.5	4	7	10	12	14
Power Supply	220V, 50/60Hz										
Package Size(mm)	670*470*140			720*420	510*740	770*520	840*590	870*620	920*670	980*800	990*840
				*1310	*1620	*1580	*1650	*1470	*1380	*1570	*1730
Gross Weight(Kg)	100			101	150	170	196	218	280	480	680