

Stainless High Pressure Autoclave Reactor Laboratory Pressure Reactor

Item Number: RE-1H



Introduction

Discover the versatility of Stainless High Pressure Reactor - a safe and reliable solution for direct and indirect heating. Built with stainless steel, it can withstand high temperatures and pressures. Learn more now.

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	Static Seal-No Leakage	Reaction vessel stationary ring and stationary ring base create the perfect seal with no need for o-rings, according to their structural features, contact stress increased with increasing working pressure, sealing performance is better under the high pressure.
	Safety Valve-Safe and Sellable	The reaction kettle equipped with safety valve, that adopted blasting diaphragm, blasting numerical error is small, instantly exhaust gas fast, safe and reliable. Each valve adopts needle valve, reciprocating closed form, seal is reliable and durable. All safety valves with reasonable installation and releasing unblocked.
	Pressure Gauges-Seisnic Stability	Seismic pressure gauges for the environment places severe vibration, the pulse of media tolerance, and the impact of a sudden unloading, gauges clea instructions and stability, with good vibration resistance.

Model	KRS-1	KRS-2	KRS-3	KRS-5	KRS-10	KRS-30
Reactor volume	1L	2L	3L	5L	10-20L	30-50L
Working pressure	≤22Mpa					
Temperature range	≤350°C					
Heating method	Electric heating					
Heating power	2Kw	2Kw	2.5Kw	4Kw	6Kw	9Kw
Stirring power	80W	123W		185W	270W	
Stirring speed	10-800RPM			10-500RPM		
Controller	PID temperature and speed control with digital display					
Reactor material	SS304/316L					
Lifting method	Manual/electric					
Liner material	Optional PTFE liner					
Jacket	Optional double layer jacket					