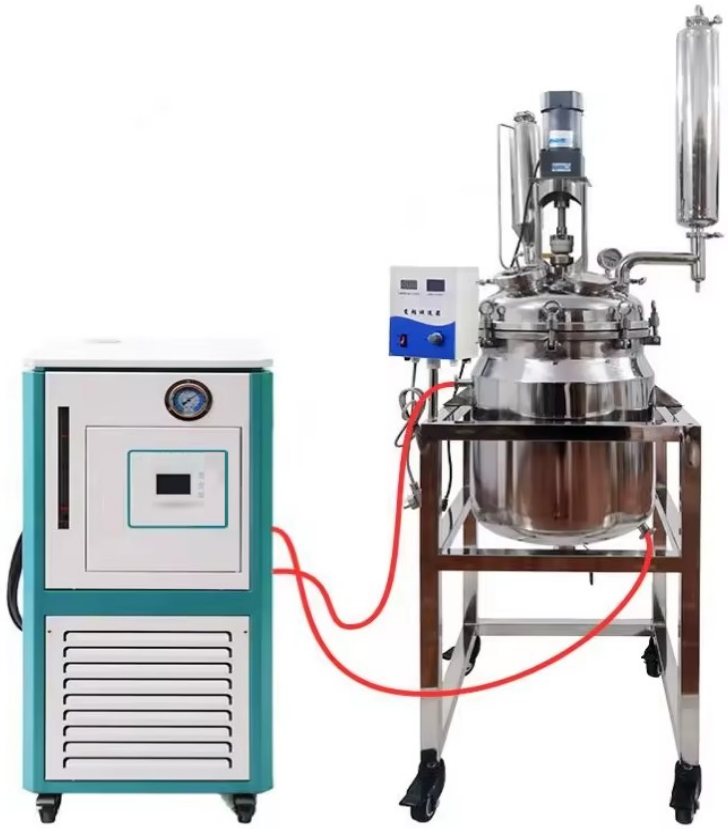
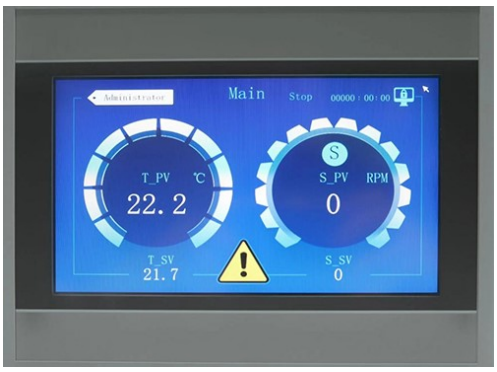
Reactor / Bioreactor / Fermentor / Chemical Synthesizer

A stainless steel jacketed reactor is a type of vessel used in the chemical, and food processing industries for carrying out various chemical reactions, mixing, and blending processes. The reactor is made of high-grade stainless steel and features a jacketed design, which means it has an outer shell surrounding the inner vessel that is used to control the temperature of the contents inside. Stainless steel jacketed reactors are ideal for processes that require precise temperature control, as the jacket can be filled with a heating or cooling medium, such as water or oil, to maintain the desired temperature. This makes them useful in a wide range of applications, including chemical synthesis, fermentation, polymerization, and crystallization.



Heating Cooling Circulator **Jacketed Stainless Steel Reactor**



7" Touch Screen Controller with traceability

Technical Specifications

Product model	Reactor-5	Reactor-10	Reactor-15	Reactor-20	Reactor-30	Reactor-50	Reactor-100	Reactor-200
internal volume	5L	10L	15L	20L	30L	50L	100L	200L
Interlayer volume	1.6L	3L	5L	6L	10L	16L	30L	65L
Discharge valve	304 stainless steel discharge valve, 60cm off the ground							
Stirring power	Servo motor, 250W							
Stirring speed	1~1000rpm							
Sealing device	Mechanical seal							
Maximum vacuum	Not available							
Temperature range	The measured temperature ranges from 10°C~80°C							
Kettle body	Two-layer kettle body							
Heating mode	The sandwich circulates medium for heating and cooling							
Supply voltage	220V/50Hz							

Customized Size Available

Optional Items			
pH/DO Meter with probe	Vacuum Pump	Heating Cooling Circulator	Cooling Circulator