



KINTEK SOLUTION

## Glass Reactor Catalog

Contact us for more catalogs of [Sample Preparation](#), [Thermal Equipment](#), [Lab Consumables & Materials](#), [Bio-Chem Equipment](#), etc...

# KINTEK SOLUTION

## COMPANY PROFILE

### >>> About Us

Kintek Solution Ltd is one technology orientated organization, team members are devoted to probing the most efficient and reliable technology and innovations in the scientific researching equipment, fields like biochemical reacting, new materials researching, heat treatment, vacuum creating, refrigerating, as well as pharmaceutical and petroleum extracting equipment.

In the past 20 years, we earned rich experiences in this researching equipment field, we are capable to supply both the equipment and solution according to customer's needs and realities, we have also developed lots of customer tailored equipment according to a specific working purpose, and we have lots of successful projects in many universities and institutes from different countries, like Asia, Europe, North and South America, Australia and New Zealand, Middle East, and Africa.

Profession, quick response, hard working, and sincerity is a remarkable label of our team members working attitude, which earn us a sound reputation among our clients.

We are here and ready to service our clients from different countries and regions, and share the most efficient and reliable technology together!



# 1-5L Jacket Glass Reactor

Item Number: KR-1



## Introduction

Discover the perfect solution for your pharmaceutical, chemical, or biological products with our 1-5L jacket glass reactor system. Custom options available.

[Learn More](#)

Model	KGR-1	KGR-2	KGR-3	KGR-5
Reactor Volume	1L	2L	3L	5L
Jacket Volume	0.3L	0.6L	0.9L	1.5L
Funnel size	0.2L	0.2L	0.2L	0.5L
Vacuum Sealing	Teflon+Viton Sealing			
Speed Control	Knop Stepless Speed Regulation			
Stirring Speed	0-1300rpm			
Working temperature	-80~250°C			
Vacuum	0.098Mpa			
Safety Protection	Over-current/ ground fault/over-temperature protection			
Working Environment	5-35°C			
Power Supply	110-440V, 50/60Hz			
Overall Dimensions	480*420*1110 mm	480*420*1110 mm	480*420*1110 mm	591*520*1594mm
Net weight	19kg	20kg	21kg	34kg

# 1-5L Single Glass Reactor

Item Number: KR-1S



## Introduction

Find your ideal glass reactor system for synthetic reactions, distillation, and filtration. Choose from 1-200L volumes, adjustable stirring and temperature control, and custom options. KinTek has you covered!

[Learn More](#)

- Hand-made food grade borosilicate glassware, high transparent, smooth fluid surface
- Wide range glassware temperature working adaptability , varies from -43°C up to 200°C
- Accurate stirring speed control and strong agitating power, guarantee the material even mixing
- Heavy duty and compact support framework design, durable working and space saving
- Solvent-resistant vales and sealing rings, make material reaction result more stable
- PTFE valve material prevent reacting with samples, keep the purity of sample material
- Multiple safety protections for dry running, over temperature and ground power failures
- Optional anti-explosive system, filtering system, warm keep jacket, heating jacket to meet particular working purpose

Model	KGR-1	KGR-2	KGR-3	KGR-5
Reactor Volume	1L	2L	3L	5L
Funnel size	0.2L	0.2L	0.2L	0.5L
Vacuum Sealing	Teflon+Viton Sealing			
Speed Control	Knop Stepless Speed Regulation			
Stirring Speed	0-1300rpm			
Working temperature	-80~250°C			
Vacuum	0.098Mpa			
Safety Protection	Over-current/ ground fault/over-temperature protection			
Working Environment	5-35°C			
Power Supply	110-440V, 50/60Hz			
Overall Dimensions	480*420*1110 mm	480*420*1110 mm	480*420*1110 mm	591*520*1594mm

Net weight	19kg	20kg	21kg	34kg
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# 10-50L Jacket Glass Reactor

Item Number: KR-10



## Introduction

Discover the Versatile 10-50L Jacket Glass Reactor for Pharmaceutical, Chemical, and Biological Industries. Accurate Stirring Speed Control, Multiple Safety Protections, and Customizable Options Available. KinTek, Your Glass Reactor Partner.

[Learn More](#)

Model	KGR-10	KGR-20	KGR-30	KGR-50
Reactor Volume	10L	20L	30L	50L
Jacket Volume	3L	6L	10L	16L
Stirring Power	60W	90W	180W	180W
Max. Torque	132N/cm	200N/cm	200N/cm	273N/cm
Port Sealing	PTFE			
Speed Control	Knop Stepless Speed Regulation			
Stirring Speed	0-650rpm			
Working temperature	-80~250°C			
Vacuum	0.098Mpa			
Safety Protection	Over-current/ ground fault/over-temperature protection			
Working Environment	5-35°C			
Power Supply	110-440V, 50/60Hz			
Overall Dimensions	600*580*2000 mm	700*580*2100 mm	640*600*2280 mm	700*630*2500mm
Net weight	75kg	125kg	135kg	140kg

## 10-50L Single Glass Reactor

Item Number: KR-10S



### Introduction

Looking for a reliable single glass reactor system for your lab? Our 10-50L reactor offers precise temperature and stirring control, durable support, and safety features for synthetic reactions, distillation, and more. KinTek's customizable options and tailored services are here to meet your needs.

[Learn More](#)

Model	KGR-10	KGR-20	KGR-30	KGR-50
Reactor Volume	10L	20L	30L	50L
Stirring Power	60W	90W	180W	180W
Max. Torque	132N/cm	200N/cm	200N/cm	273N/cm
Port Sealing	PTFE			
Speed Control	Knop Stepless Speed Regulation			
Stirring Speed	0-650rpm			
Working temperature	-80~250°C			
Vacuum	0.098Mpa			
Safety Protection	Over-current/ ground fault/over-temperature protection			
Working Environment	5-35°C			
Power Supply	110-440V, 50/60Hz			
Overall Dimensions	600*580*2000 mm	700*580*2100 mm	640*600*2280 mm	700*630*2500mm
Net weight	75kg	125kg	135kg	140kg

# 80-150L Jacket Glass Reactor

Item Number: KR-80



## Introduction

Looking for a versatile jacket glass reactor system for your lab? Our 80-150L reactor offers controlled temperature, speed, and mechanical functions for synthetic reactions, distillation, and more. With customizable options and tailored services, KinTek has you covered.

[Learn More](#)

Model	KGR-80	KGR-100	KGR-150
Reactor Volume	80L	100L	150L
Jacket Volume	24L	30L	45L
Stirring Power	370W	370W	400W
Max. Torque	378N/cm	378N/cm	425N/cm
Port Sealing	PTFE		
Speed Control	Knop Stepless Speed Regulation		
Stirring Speed	0-650rpm		
Working temperature	-80~250°C		
Vacuum	0.098Mpa		
Safety Protection	Over-current/ ground fault/over-temperature protection		
Working Environment	5-35°C		
Power Supply	110-440V, 50/60Hz		
Overall Dimensions	700*630*2500 mm	720*630*2700 mm	750*660*2750 mm
Net weight	140kg	160kg	200kg



# 80-150L Single Glass Reactor

Item Number: KR-80S



## Introduction

Looking for a glass reactor system for your lab? Our 80-150L single glass reactor offers controlled temperature, speed, and mechanical functions for synthetic reactions, distillation, and more. With customizable options and tailored services, KinTek has you covered.

[Learn More](#)

- Hand-made food grade borosilicate glassware, high transparent, smooth fluid surface
- Wide range glassware temperature working adaptability , varies from -43°C up to 200°C
- Accurate stirring speed control and strong agitating power, guarantee the material even mixing
- Heavy duty and compact support framework design, durable working and space saving
- Solvent-resistant valves and sealing rings, make material reaction result more stable
- PTFE valve material prevent reacting with samples, keep the purity of sample material
- Multiple safety protections for dry running, over temperature and ground power failures
- Optional anti-explosive system, filtering system, warm keep jacket, heating jacket to meet particular working purpose

Model	KGR-80	KGR-100	KGR-150
Reactor Volume	80L	100L	150L
Stirring Power	370W	370W	400W
Max. Torque	378N/cm	378N/cm	425N/cm
Port Sealing	PTFE		
Speed Control	Knop Stepless Speed Regulation		
Stirring Speed	0-650rpm		
Working temperature	-80~250°C		
Vacuum	0.098Mpa		
Safety Protection	Over-current/ ground fault/over-temperature protection		
Working Environment	5-35°C		
Power Supply	110-440V, 50/60Hz		
Overall Dimensions	700*630*2500 mm	720*630*2700 mm	750*660*2750 mm
Net weight	140kg	160kg	200kg

## Lifting/Tilting Glass Reactor

Item Number: KR-80L



### Introduction

Enhance your synthetic reactions, distillation, and filtration processes with our lifting/tilting glass reactor system. With a wide range of temperature adaptability, accurate stirring control, and solvent-resistant valves, our system guarantees stable and pure results. Explore the features and optional functions today!

[Learn More](#)

Model	KGR-80	KGR-100	KGR-150
Reactor Volume	80L	100L	150L
Jacket Volume	24L	30L	45L
Stirring Power	370W	370W	400W
Max. Torque	378N/cm	378N/cm	425N/cm
Port Sealing	PTFE		
Speed Control	Knop Stepless Speed Regulation		
Stirring Speed	0-650rpm		
Working temperature	-80~250°C		
Vacuum	0.098Mpa		
Safety Protection	Over-current/ ground fault/over-temperature protection		
Working Environment	5-35°C		
Power Supply	110-440V, 50/60Hz		
Overall Dimensions	700*630*2500 mm	720*630*2700 mm	750*660*2750 mm
Net weight	140kg	160kg	200kg



## Kintek Solution

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