

## Single layer glass Reactor

Kori Instrument



glass reactor  
Single Layer

DF-1L



Kori Instrument



glass reactor  
Single Layer

DF-2L



Kori Instrument



glass reactor  
Single Layer

DF-3L



Kori Instrument



glass reactor  
Single Layer

DF-5L



# Xingyang Kori Instrument Factory

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## Technical data 1L 2L 3L 5L

Model	DF-1L	DF-2L	DF-3L	DF-5L
Size	1L	2L	3L	5L
Motor	40W	60W	60W	90W
Speed	60-1000RPM	60-1000RPM	60-1000RPM	60-1000RPM
Bath Heating Wattage	1000W	1000W	1500W	1500W
Stirrer	Stainless steel with PTFE Coating 7mm	Stainless steel with PTFE Coating 7mm	Stainless steel with PTFE Coating 7mm	Stainless steel with PTFE Coating 7mm
Maximum Temperature	200℃	200℃	200℃	200℃
Minimum Temperature	-120℃	-120℃	-120℃	-120℃
Maximum Vacuum	-0.098Mpa	-0.098Mpa	-0.098Mpa	-0.098Mpa
Voltage	220V or 110V	220V or 110V	220V or 110V	220V or 110V
Package	Craft Box	Craft Box	Craft Box	Craft Box

# Xinyang Kori Instrument Factory

10L 20L 30L 50L



# Xingyang Kori Instrument Factory

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## Technical of 10L 20L 30L 50L Single layer glass Reactor

Model	DF-10L	DF-20L	DF-30L	DF-50L
Size	10L	20L	30L	50L
Motor	90W 3:1 Gear motor	90W 3:1 Gear motor	90W 3:1 Gear motor	120W 3:1 Gear motor
Speed	60-600RPM	60-600RPM	60-600RPM	60-600RPM
Bath Heating Wattage	2000W	3000W	4000W	5000W
Stirrer	Stainless steel with PTFE Coating 12mm	Stainless steel with PTFE Coating 12mm	Stainless steel with PTFE Coating 12mm	Stainless steel with PTFE Coating 12mm
Maximum Temperature	200℃	200℃	200℃	200℃
Minimum Temperature	-120℃	-120℃	-120℃	-120℃
Maximum Vacuum	-0.098Mpa	-0.098Mpa	-0.098Mpa	-0.098Mpa
Voltage	220V or 110V	220V or 110V	220V	220V
Package	Craft Box	Craft Box	Craft Box	Craft Box

# Xinyang Kori Instrument Factory



100L



150L



200L

# Xingyang Kori Instrument Factory

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## Technical of 100L 150L 200L Single layer glass Reactor

Model	DF-100L	DF-150L	DF-200L
Size	100L	150L	200L
Motor	250W 3:1 Gear motor	250W 3:1 Gear motor	400W 3:1 Gear motor
Speed	60-600RPM	60-600RPM	60-600RPM
Bath Heating Wattage	9000W	9000W	12000W
Stirrer	Stainless steel with PTFE Coating 12mm	Stainless steel with PTFE Coating 14mm	Stainless steel with PTFE Coating 14mm
Maximum Temperature	200℃	200℃	200℃
Minimum Temperature	-120℃	-120℃	-120℃
Maximum Vacuum	-0.098Mpa	-0.098Mpa	-0.098Mpa
Voltage	220V or 380V	220V or 380V	220V or 380V
Package	Craft Box	Craft Box	Craft Box

# Xingyang Kori Instrument Factory

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Note: 1) Single layer glass reactor can be for heating

The heating coils have been built into bath so it can pass heat energy to material.

The material will be heated, stirred and make reaction.

2) Single layer glass reactor with stainless steel bath, the maximum safety temperature is 200°C; If you need maximum temperature about 300°C, we can make heating mantle or stainless steel heating plate

3) Can adding collection flask under reflux flask

4) Can make condenser into reaction tank directly

5) If you need chiller and vacuum pump, contact us for more details

6) Support OEM & ODM Order

7) Factory price with long-life spare parts & Technical supports

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# Xinyang Kori Instrument Factory

Small Single layer glass reactor + Water ring vacuum pump +Chiller



# Xinyang Kori Instrument Factory

Middle Single layer glass reactor + Water ring vacuum pump +Chiller



# Xinyang Kori Instrument Factory

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Large Single layer glass reactor + Water ring vacuum pump +Chiller



## Jacketed glass reactors



# Xingyang Kori Instrument Factory

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## Technical data 1L 2L 3L

Model	SF-1L	SF-2L	SF-3L
Size	1L	2L	3L
Motor	40W	60W	60W
Speed	60-1000RPM	60-1000RPM	60-1000RPM
Stirrer	Stainless steel with PTFE Coating 7mm	Stainless steel with PTFE Coating 7mm	Stainless steel with PTFE Coating 7mm
Maximum Temperature	200℃	200℃	200℃
Minimum Temperature	-120℃	-120℃	-120℃
Maximum Vacuum	-0.098Mpa	-0.098Mpa	-0.098Mpa
Voltage	220V or 110V	220V or 110V	220V or 110V
Package	Craft Box	Craft Box	Craft Box

**Note: Jacketed glass reactor can be for heating and cooling ,but you need purchase heater or cooler additionally**

# Xingyang Kori Instrument Factory

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Name	5L Jacketed glass reactor
Model	SF-5L
Size	5L
Motor	60W
Speed	60-1000RPM
Stirrer	Stainless steel with PTFE Coating 7mm
Maximum Temperature	200°C
Minimum Temperature	-120°C
Maximum Vacuum	-0.098Mpa
Voltage	220V or 110V
Package	Craft Box

**Note: Jacketed glass reactor can be for heating and cooling ,but you need purchase heater or cooler additionally**

# Xinyang Kori Instrument Factory

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# Xinyang Kori Instrument Factory



# Xingyang Kori Instrument Factory

## Technical data 10L 20L 30L 50L

Model	SF-10L	SF-20L	SF-30L	SF-50L
Size	10L	20L	30L	50L
Motor	90W 3:1 Gear Motor	90W 3:1 Gear Motor	90W 3:1 Gear Motor	120W 3:1 Gear Motor
Speed	60-600RPM	60-600RPM	60-600RPM	60-600RPM
Stirrer	Stainless steel with PTFE Coating 12mm	Stainless steel with PTFE Coating 12mm	Stainless steel with PTFE Coating 12mm	Stainless steel with PTFE Coating 12mm
Maximum Temperature	200℃	200℃	200℃	
Minimum Temperature	-120℃	-120℃	-120℃	
Maximum Vacuum	-0.098Mpa	-0.098Mpa	-0.098Mpa	
Voltage	220V or 110V	220V or 110V	220V or 110V	
Package	Craft Box	Craft Box	Craft Box	

**Note: Jacketed glass reactor can be for heating and cooling, but you need purchase heater or cooler additionally**

# Xingyang Kori Instrument Factory



# Xingyang Kori Instrument Factory

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## Technical data 100L 150L 200L

Model	SF-100L	SF-150L	SF-200L
Size	100L	150L	200L
Motor	250W 3:1 Gear Motor	400W 3:1 Gear Motor	400W 3:1 Gear Motor
Speed	60-1000RPM	60-1000RPM	60-1000RPM
Stirrer	Stainless steel with PTFE Coating 12mm	Stainless steel with PTFE Coating 16mm	Stainless steel with PTFE Coating 16mm
Maximum Temperature	200℃	200℃	200℃
Minimum Temperature	-120℃	-120℃	-120℃
Maximum Vacuum	-0.098Mpa	-0.098Mpa	-0.098Mpa
Voltage	220V or 380V	220V or 380V	220V or 380V
Package	Craft Box	Craft Box	Craft Box

**Note: Jacketed glass reactor can be for heating and cooling ,but you need purchase heater or cooler additionally**

# Xingyang Kori Instrument Factory

Turnkey setup System: Optional 1

Jacketed glass reactor with Heat circulating bath ---- Suitable for heating and can heat up to 200°C ( Customized 300°C )



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## Turnkey setup System: Optional 2

Jacketed glass reactor with recirculating chiller -----Suitable for cooling and Minimum temperature as you need



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**Turnkey setup System: Optional 3**

**Jacketed glass reactor with recirculating chiller -----Suitable for heating and cooling**

**Maximum temperature : 200°C**

**Minimum temperature: as you need**



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Full Setup Turnkey system : Vacuum pump +Jacketed glass reactor+chiller+heating cooling machine

