

ROTATORY EVAPORATOR



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Iris Rotatory Evaporator is used in laboratories and for the efficient and gentle removal of solvents from samples by evaporation from reaction mixtures and can accommodate volumes as large as 5 L.

We have two form of condenser including Vertical Coiled Condenser RE that offer a more compact and user-friendly evaporating features, best for simple distillations of solvents with relatively low boiling points and where bench space is limited and Slanting Coiled Condenser RE best for basic distillations of lower boiling point solvents and where height is limited.

The solvent collection flask capacity is 1000 ml (optional: 2000 ml) along with evaporating flasks 1000 ml (optional: 2000 ml). Build with removable safety shield and monochromatic LCD touch screen display system.

Rotatory Evaporator IRE-100 Series is a vertical upward condenser type, build-in easy and large to read monochromatic touch LCD screen for showing parameters including temperature, RPM speed, and timer. Our system features large 5 L water and oil heating bath and a temperature range from ambient to 185°C and variable rotation speed range from 20 to 280 rpm and 20 to 300 rpm.

The high-class STEROGLOSS sealing system suitable for vacuum-tight anti-corrosion seal without gaskets and other materials protect from any damage during operating.

This sealing system is a standard feature in all strike models and can be used with all types of glassware. Ensure easy assembly and dismounting operations, provide safety, compliance with the existing directive concerning equipment construction and electromagnetic compatibility.

The microprocessor is multi-programmable and GLP compliant. Offer effective and efficient evaporation of solvents that are perfect for a single sample. The vacuum improves distillation and reduces boiling temperature.

The main constituents of a rotary evaporator system are the water bath or oil bath rotary evaporator, glassware, vacuum pump, safety shield, collecting flask, evaporating flask. The evaporating flask rotates in the water bath, allowing for additional surface area and cooler evaporation.

Rotatory Evaporator IRE-200 Series is a vertical downward condenser type with easy flask removal, build-in easy and large to read monochromatic touch LCD screen for showing parameters including temperature, RPM speed, and timer. Corrosion resistance PTFE and carbon graphite sealing system and patented pressure spring provide excellent sealing.

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Slanting Rotatory Evaporator IRE-300 Series come with a slanting coiled condenser. Integrated with heating bath and vacuum controller with USB interface feature, central display for automatic distillation, and ramp programming.

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ROTATORY EVAPORATOR IRE-100 SERIES



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The microprocessor is multi-programmable and GLP compliant. Offer effective and efficient evaporation of solvents that are perfect for a single sample. The vacuum improves distillation and reduces boiling temperature.

The main constituents of a rotary evaporator system are the water bath or oil bath rotary evaporator, glassware, vacuum pump, safety shield, collecting flask, evaporating flask. The evaporating flask rotates in the water bath, allowing for additional surface area and cooler evaporation.

Features

- Easy to remove glass vapors tube, clamping sleeve and graphite filled PTFE seal, engineered to reduce wear and consumption
- Equipped with production leading safety features
- The water heating bath temperature and rotation speed are controlled operating knobs
- Quick Start/Stop control and parameter selector
- Rodavis evaporation flask connection system
- The water bath coated with PTFE materials
- Fume temperature probe and vacuum controller are optional
- Support GLP with USB interface
- The glassware lifting made possible with or without protective shield
- The rotary evaporator making it a fast, working, efficient, safe and maintenance free instrument.

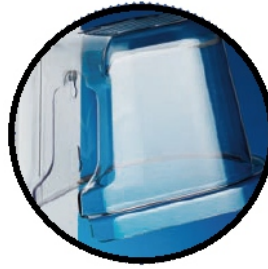
Accessories



Control Panel



Flask Assembly



Safety Shield



Vacuum Controller

Technical Specifications

Model	IRE-110	IRE-120
Bath Capacity	5 L	
Evaporating Flasks Capacity	1000ml (optional:50 to 2000ml)	
Collecting Flasks Capacity	1000ml (optional: 250 to 2000ml)	
Speed	20 to 280 rpm	20 to 300 rpm
Temperature Range	185°C	
Bath Material	PTFE	
Display	LCD	
Interface	USB	
Power	1200W	1400W
Dimension	690x700x430mm	
Weight	26.5 kg	
Electrical Requirement	AC 230 V/50Hz	
Catalogue No.	260050502	260051002

ROTATORY EVAPORATOR IRE-200 SERIES



Rotatory Evaporator IRE-200 Series is a vertical downward condenser type with easy flask removal, build-in easy and large to read monochromatic touch LCD screen for showing parameters including temperature, RPM speed, and timer. Corrosion resistance PTFE and carbon graphite sealing system and patented pressure spring provide excellent sealing.

The high-class STEROGLOSS sealing system suitable for vacuum-tight anti-corrosion seal without gaskets and other materials protect from any damage during operating.

This sealing system is a standard feature in all strike models and can be used with all types of glassware. Ensure easy assembly and dismounting operations, provide safety, compliance with the existing directive concerning equipment construction and electromagnetic compatibility.

The microprocessor is multi-programmable and GLP compliant. Offer effective and efficient evaporation of solvents that are perfect for a single sample. The vacuum improves distillation and reduces boiling temperature.

The main constituents of a rotary evaporator system are the water bath or oil bath rotary evaporator, glassware, vacuum pump, safety shield, collecting flask, evaporating flask. The evaporating flask rotates in the water bath, allowing for additional surface area and cooler evaporation.

Features

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- Rodavis evaporation flask connection system
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- Support GLP with USB interface
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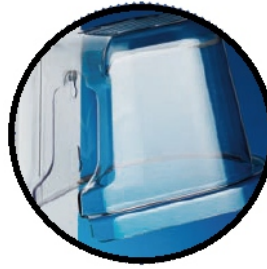
Accessories



Control Panel



Flask Assembly



Safety Shield



Vacuum Controller

Technical Specifications

Model	IRE-210	IRE-220
Bath Capacity	5 L	
Evaporating Flasks Capacity	1000ml (optional:50 to 2000ml)	
Collecting Flasks Capacity	1000ml (optional: 250 to 2000ml)	
Speed	20 to 280 rpm	20 to 300 rpm
Temperature Range	185°C	
Bath Material	PTFE	
Display	LCD	
Interface	USB	
Power	1200W	1400W
Dimension	690x700x430mm	
Weight	26.5 kg	
Electrical Requirement	AC 230 V/50Hz	
Catalogue No.	260100502	260101002

Slanting Rotatory Evaporator IRE-300 Series



Slanting Rotatory Evaporator IRE-300 Series come with a slanting coiled condenser. Integrated with heating bath and vacuum controller with USB interface feature, central display for automatic distillation, and ramp programming.

The high-class STEROGLOSS sealing system suitable for vacuum-tight anti-corrosion seal without gaskets and other materials protect from any damage during operating.

This sealing system is a standard feature in all strike models and can be used with all types of glassware. Ensure easy assembly and dismounting operations, provide safety, compliance with the existing directive concerning equipment construction and electromagnetic compatibility.

The microprocessor is multi-programmable and GLP compliant. Offer effective and efficient evaporation of solvents that are perfect for a single sample. The vacuum improves distillation and reduces boiling temperature.

The main constituents of a rotary evaporator system are the water bath or oil bath rotary evaporator, glassware, vacuum pump, safety shield, collecting flask, evaporating flask. The evaporating flask rotates in the water bath, allowing for additional surface area and cooler evaporation.

Features

- Easy to remove glass vapors tube, clamping sleeve and graphite filled PTFE seal, engineered to reduce wear and consumption
- Equipped with production leading safety features
- The water heating bath temperature and rotation speed are controlled operating knobs
- Quick Start/Stop control and parameter selector
- Rodavis evaporation flask connection system
- The water bath coated with PTFE materials
- Fume temperature probe and vacuum controller are optional
- Support GLP with USB interface
- The glassware lifting made possible with or without protective shield
- The rotary evaporator making it a fast, working, efficient, safe and maintenance free instrument.

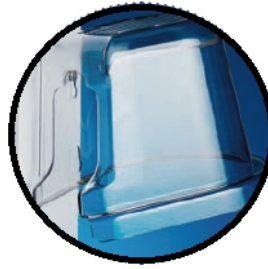
Accessories



Control Panel



Flask Assembly



Safety Shield



Vacuum Controller

Technical Specifications

Model	IRE-310	IRE-320
Bath Capacity	5 L	
Evaporating Flasks Capacity	1000ml (optional:50 to 2000ml)	
Collecting Flasks Capacity	1000ml (optional: 250 to 2000ml)	
Speed	20 to 280 rpm	20 to 300 rpm
Temperature Range	185°C	
Bath Material	PTFE	
Display	LCD	
Interface	USB	
Power	1200W	1400W
Dimension	690x790x430mm	
Weight	26 kg	
Electrical Requirement	AC 230 V/50Hz	
Catalogue No.	260150502	260151002