

Rotary Evaporators & Concentrators



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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 a 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.

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 a protective shield
- The rotary evaporator making it a fast, working, efficient, safe, and maintenance-free instrument

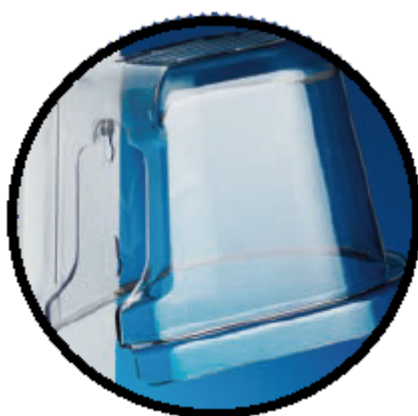
Accessories



Control Panel



Flask Assembly



Safety Shield



Vacuum Controller

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

