

# ROTARY EVAPORATOR

BioEra's Rotary Evaporator is elegantly designed with digital display. All the glass components and base machinery is designed to assemble and disassemble quickly for user ease and simplified operations.



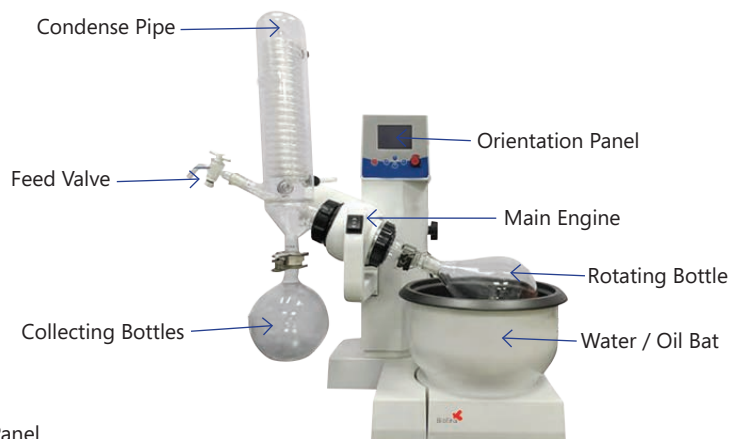
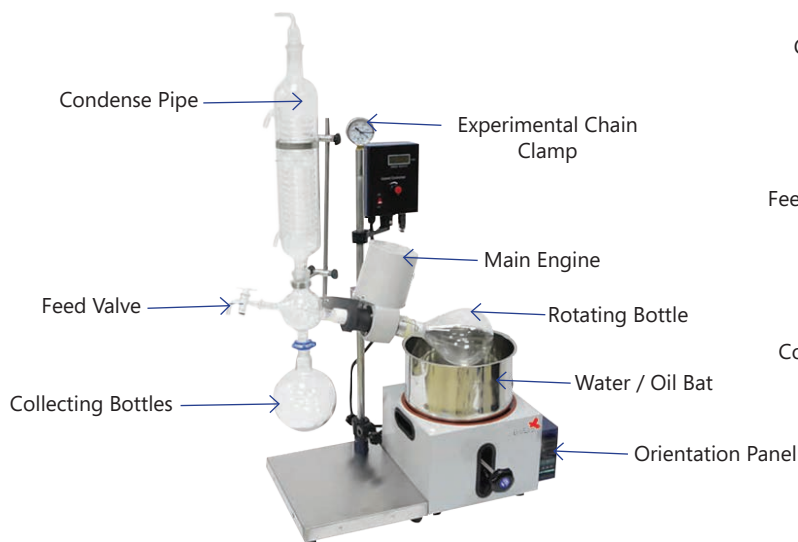
WHIRL  
CAT. NO.: BE/CI/RE-01



ORBIT  
CAT. NO.: BE/CI/RE-02

## FEATURES

- Elegant design
- LED Display for Model Whirl and LCD display for Model Orbit
- PTFE Clamp fitting for bottle neck to prevent breakage
- Digital display of rotor speed and the temperature
- Efficient vertical type glass condenser of area up to 1500cm<sup>2</sup> for faster condensation
- Teflon and fluororubber seal to maintain high vacuum
- Rotary Vane Vacuum Pump to be purchased additionally



Model Orbit - Drum

## TECHNICAL SPECIFICATION

FEATURES	SPECIFICATIONS	
Model	Whirl	Orbit
Cat. No.	BE/CI/RE-01	BE/CI/RE-02
<b>Material</b>		
Type of Glass	GG-17	GG-17
Bath Kettle	Stainless Steel	Stainless Steel
Shell Material	Plastic Spray	Teflon Coating
<b>Basic Parameters</b>		
Volume of Rotary Bottle	1 L	1 L
Volume of Recycling Bottle	1 L	1 L
Vacuum Degree	0.098 Mpa	0.098 Mpa
Rotating Power	40W Brushless Electric Machine	40W Brushless Electric Machine
Rotating Speed	1-120 rpm	1-180 rpm
Heating Power	1.5 KW	1.5 KW
Temperature Range of Bath Kettle	300°C	300°C
Temperature Accuracy	±2°C	±1°C
Rotational Distance	120mm	120mm
<b>Functional Parameters</b>		
Display	LED	LCD
Rotation Speed Display	LED	LCD
Temperature Display	PT100 Sensor Digital Display	PT100 Sensor Digital Display
Temperature Control	Smart Temperature Control	Smart Temperature Control
Speed Adjustment	Electro-Speed Regulation	Electro-Speed Regulation
Sealing Mode	Teflon Sealing	Teflon Sealing
Condenser	Vertical Type (85*430mm)	Vertical Type (85*430mm)
Condensation Area	Upto 1500cm <sup>2</sup>	Upto 1500cm <sup>2</sup>
Rotation Mode	Manual	Automatic Up and Down through Main Engine
Continuous Charging	Standard Aperture Feeding Valve	Through Transparent Cover for Bath Kettle
<b>Other Information</b>		
Voltage	220V/50Hz	220V/50Hz
Size (mm)	700 x 440 x 885	660 x 420 x 830
Weight (Kg)	26	21